

Jim Betts
Planning Secretary
Department of Planning, Industry and Environment
12 Darcy Street
Parramatta NSW 2150

Attn: Shiraz Ahmed

20 November 2020

Dear Mr Ahmed,

Lindfield Learning Village Phase 2 and 3 – SSD 8114: Condition of Consent B10 – Demolition

I refer to Lindfield Learning Village Phase 2 and 3 development approved on the 12 November 2020.

In accordance, with condition B10 of the Development Consent, the following documents have been submitted to the Planning Secretary for information:

- Demolition Management Plan completed by Kontro Group dated 9 September 2020
- Birzulis Engineer Statement dated 14 October 2020 by J. Walujono, Structural Engineer, B.Eng (Hons Class 2), M.Eng (Structures)

The document has been reviewed internally by myself and the Compliance Team.

The Project therefore believes it has fulfilled its requirements under Condition of Consent B10.

Yours sincerely,



Pete Krause
Project Director
Schools Infrastructure NSW

Attachment 1: Condition Satisfaction Table
Attachment 2: Lindfield Demolition Documents

Lindfield Learning Village Phase 2 and 3 – SSD 8114: Condition of Consent B10 – Demolition

Condition	Condition requirements	Document reference
Demolition		
B10	<p>Prior to the commencement of construction, demolition work plans required by AS 2601-2001 <i>The demolition of structures</i> (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.</p>	<p>Birzulis Engineer Statement dated 14/10/2020 by J. Walujono, Structural Engineer, B.Eng (Hons Class 2), M.Eng (Structures)</p> <p>Reference Documents: Demolition Management Plan completed by Kontro Group dated 9 September 2020</p> <p>Submitted to the certifier via aconex Hindmars-GCOR-000550 dated 14/10/2020</p> <p>Submitted to the Planning Secretary as per the cover letter</p>





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14 October 2020

Principal Certifying Authority
c/- Hindmarsh Pty Ltd
Attention Mr Reg Struwig
Suite 2 Level 27, 100 Miller Street
NORTH SYDNEY NSW 2060

Dear Sir,

RE: SSSA CONDITION B10
LINDFIELD LEARNING VILLAGE – STAGE 2

This is to advise that this office has reviewed the Demolition Management Plan prepared by “Kontro Group Pty Ltd” dated 09 September 2020 for the abovementioned project.

We advise that the information detailed in the document is generally structurally acceptable and in accordance with the intent of the contract documents. The design parameters chosen appear to be satisfactory and there is no apparent conflict between the details submitted and the general intent of the structural design.

We advise that the proposal contained in the work plan generally complies with the safety requirement required by AS 2601-2001 (Australian Standard – The demolition of structures).

Yours faithfully

J WALUJONO
Structural Engineer
B.Eng (Hons Class 2), M.Eng (Structures)

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Lindfield Learning Village Stage 2

100 Eton Road
Lindfield, NSW 2070

Demolition Management Plan

Prepared by



on behalf of



Revision No.	Revision Date	Authority	Changes
1	09.09.2020	Darith Taing	Rev 1

PREPARED: Darith Taing Date: 09 - 09 - 2020
Project Manager

ACCEPTED: Thi Savet Tran Date: 09 - 09 - 2020
Director

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1 PURPOSE

This Demolition Work Plan has been designed by Kontro Group to provide the necessary methodologies and procedures for the Demolition works of the former Lindfield learning Village Stage 2 works at 100 Eton Rd, Lindfield NSW 2070 for Hindmarsh.

2 SCOPE

The scope of this management plan is to document the process in undertaking the project involving the internal strip out of structures, asbestos removal works and penetration works, all without damaging to the heritage building, injuries, environmental incidents or community actions and in accordance with AS2601:2001 The Demolition of Structures.

3 REFERENCES

- Kontro Group Management System;
- Lindfield Learning Village Stage 2 works
- SafeWork NSW Demolition Licensing;
- SafeWork NSW Asbestos Removal Licensing;
- Work, Health and Safety Act 2011;
- Work, Health and Safety Regulation 2017;
- Work Health and Safety (Mines and Petroleum Sites) Act 2013;
- Work Health and Safety (Mines and Petroleum Sites) Regulation 2014;
- Demolition Work Code of Practice 2019;
- AS 2601 The Demolition of Structures;
- Protection of the Environment Operations Act 1997;
- Waste Avoidance and Resource Recovery Act 2001;
- Australian Dangerous Goods Code Edition 7.5;
- Excavation Work Code of Practice;
- Electrical Safety Code of Practice - Managing Electrical Risks in the Workplace
- Managing the Risk of Falls at Workplaces Code of Practice;
- Managing the Work Environment and Facilities Code of Practice;
- First Aid in the Workplace Code of Practice;
- Managing the Risks of Hazardous Chemicals in the Workplace Code of Practice;
- Hazardous Manual Tasks Code of Practice;
- Managing Noise and Preventing Hearing Loss at Work Code of Practice;
- Work Health and Safety Consultation Cooperation and Coordination Code of Practice;
- How to Safely Remove Asbestos Code of Practice;
- AS 2865 – 2009 Confined Spaces;

- AS 4361.2:1998 Guide to Lead Paint Management;
- AS 1319 Safety Signs for the Occupational Environment.
- AS/NZS 3012:2010 Electrical Installations – Construction & Demolition Sites;
- AS ISO 14004 - 2004-11-15: Environmental management systems - General guidelines on principles, systems and support techniques;
- AS/NZS ISO 14001:2004: Environmental management systems - Requirements with guidance for use;
- AS/NZS ISO 19011:2003 Australian/New Zealand Standard Guidelines for quality and/or environmental management systems auditing
- AS 1885.1 – 1990: Workplace injury and disease recording standard;
- AS/NZS 4801 - 2001: Occupational Health and Safety Management Systems - Specification with Guidance for use;
- AS/NZS ISO 9001:1994: Quality systems - Model for quality assurance in production, installation and servicing;
- AS/NZS 4581 - 1999: Management System Integration – Guidance to Business, Government and Community Organisations;
- AS/NZS 4804 - 2001: Occupational Health and Safety Management Systems - General guidelines on principles, systems and supporting techniques;

4 SITE LOCATION

The Lindfield learning village is located at 100 Eton road Lindfield NSW 2070.

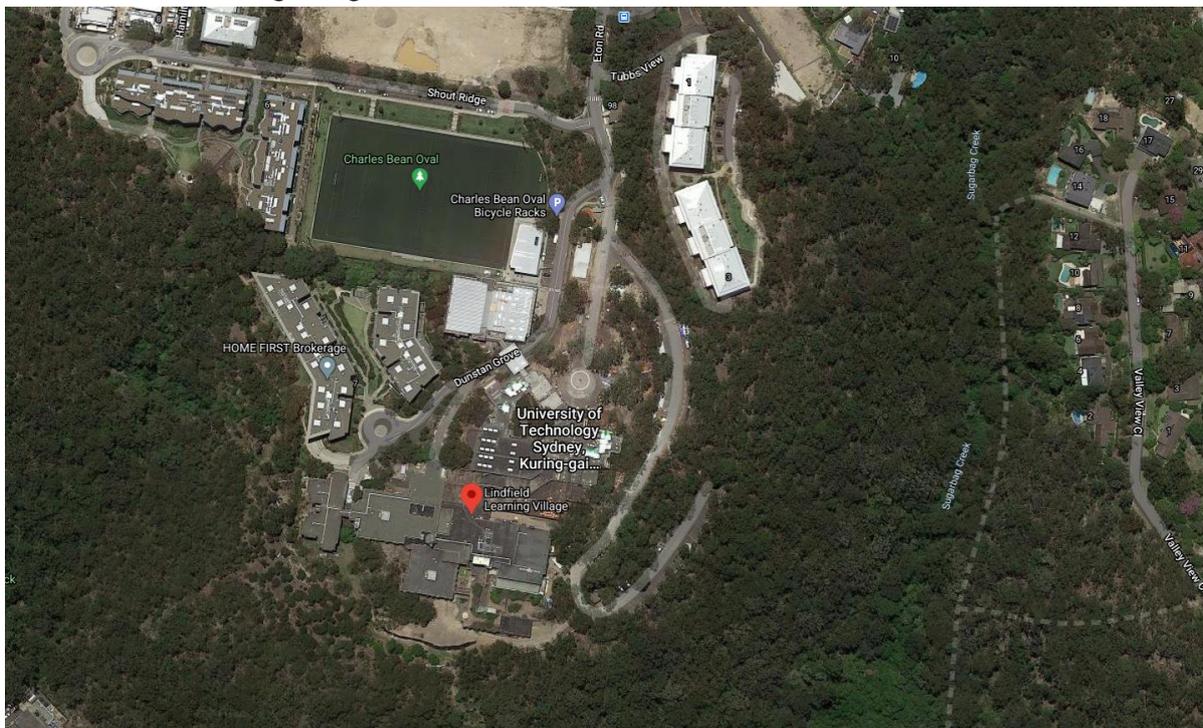
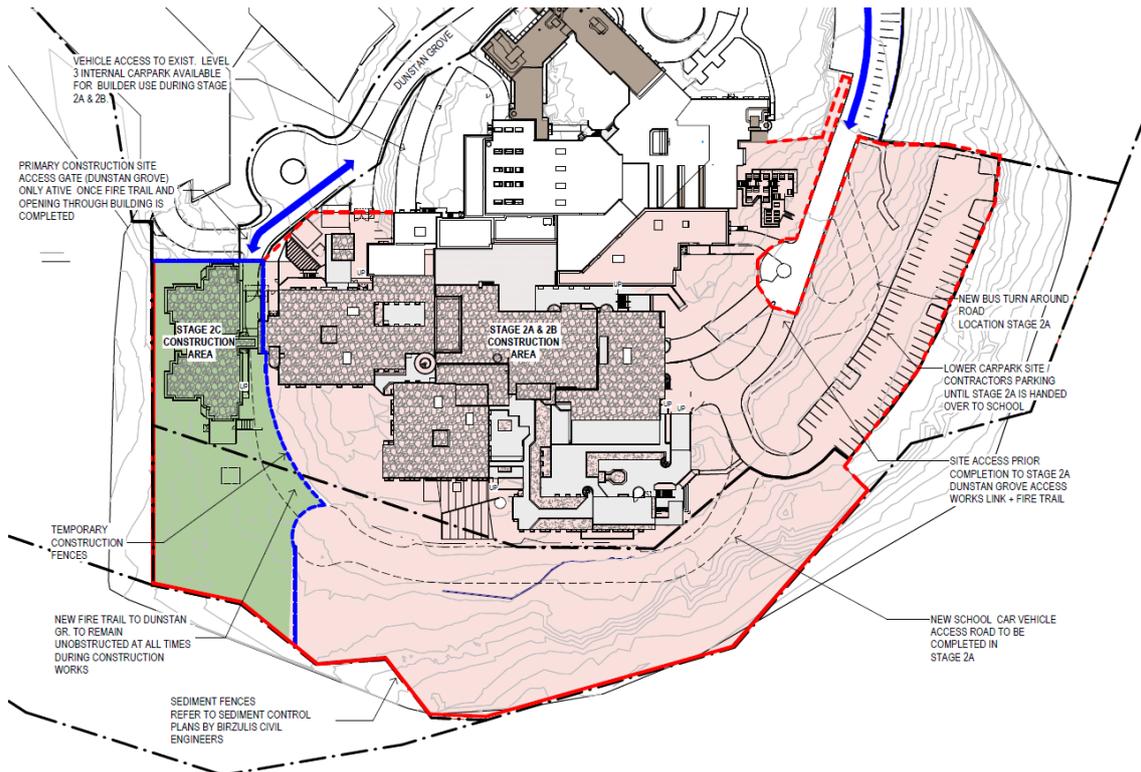


Figure 1: Location of the Lindfield Learning village

4.1 GENERAL DESCRIPTION OF THE SITE

The overall site the whole area of the Lindfield Learning Village stage 2A,2B and 2C works are consists of a Class 5 structures and is surrounded by an open layout bitumen carpark and landscape area. The figure below shows the building structures under this scope of works.

Figure 2: Areas of Demolition Works



5 GENERAL SCOPE OF WORK

The scope of works at the Lindfield learning village Demolition works Stage 2A, 2B & 2C (all levels) - consisting of the demolition & removal of structural floor slabs & ramps, floor finishes (carpet, tiles & timber) to floors, ramps & stairs, skirtings, concrete plinths, ceilings & cornices, internal (glazed) walls (incl. tiling), wall lining (incl. tiling), doors, doorframes & windows, roller doors, timber panelling, structural columns, kitchenettes, remaining kitchen equipment & work benches, dust extraction units, joinery items & shelving, plumbing fixtures, toilet accessories, mirrors, toilet cubicles, signage, stairnosings, tactile indicators, handrails & balustrading, window reveals & sills, redundant services, blinds & pelmets, loose furniture and the like:

- Removal of all hazardous materials as per Greencap and WSP Report
- Notify each authority for the disconnection and capping off, of utility services with be completed by Hindmarsh:
- Completely soft strip buildings internals, partially removal of roof structure, concrete slab penetration works and remove all debris from site.
- All works as per Lindfield learning Village 2, Part of LLV demolition request of Tender (RFT)
- Refer to Lindfield Learning Village Schedule of Significant Elements for items to be retain can store.

6 ASBESTOS

The only type of asbestos identified is bonded asbestos (non-friable) and is located:

- Removal of asbestos sheeting;
- Removal of waffles as required for concrete slab penetrations ;
- Removal of asbestos caulking around windows and glazed doors;
- ACD asbestos containing dust and debris;
- On the roof as bitumen waterproofing membrane.

Additionally, there is also might have lead present through the structure as:

- Settled dust throughout and
- In various acrylic paints on various metal structures.

Please refer to WSP Report for the Department of Education Asbestos Survey Report Lindfield Learning Village Department of Education report dated June 2019, GreenCap report Demolition/Refurbishment Hazardous Material Risk Assess Designing UTS Lindfield Campus Eton Road date June 2016, Lindfield NSW 2070 for further details of location and type. Should the presence of further asbestos be discovered, the company will undertake the removal work pursuant to the “How to Safely Remove Asbestos” Code of Practice.

7 GENERAL DEMOLITION TECHNIQUES

Prior to any works commencing, all relevant utility services will be disconnected as per the scope of works by Hindmarsh.

Soft strip out works will be conducted at the Lindfield Training Village site buildings from one building to another on stages 2A,2B,2C progressively on the top levels moving down. This will be done utilising a combination with hand and power tools.

Asbestos containing materials **ACM** will be removed from buildings in stages 2A,2B,2C, on higher level of buildings as per HAZMAT surveys using hand tools. These removal works will be performed concurrently with soft strip out works.

The methodologies for each structure will be transcribed into specific Safe Work Method Statements.

8 PLANNING

An investigation of the structures has been undertaken by the Company. Set out below are itemised actions that will be implemented during the course of the project.

8.1 PROJECT SUPERVISION

At all times during the demolition works, the demolition will be supervised by a competent Supervisor attached to an approved SafeWork NSW demolition licence. In addition to the Demolition Supervisor, an experienced Demolition Project Manager will assist in ensuring the works are being undertaken as planned. Kontro Group Project Team will consist of:

Name	Position	Contact Details
Darith Taing	Project manger	0406 318 177
Keith Matkovic	Site manger	0423 276 743
Sam E	SafeWork NSW Approved Demolition Supervisor	0416 811 233
Yen Tran	SafeWork NSW Approved Asbestos Supervisor	0473 938 888
Valeska Daza	Compliance Manager	0456 932 029

Ref: *Health and Safety Environment Management Plan*

8.2 SITE INVESTIGATION

The structures to be demolished consist primarily of brick and concrete with a mix of some general waste streams from the internal fittings and fixtures. The substructure is assumed to be constructed of concrete and is excluded from this scope. The surrounding area is a bitumen carpark and is also excluded from this scope.

An investigation of the site has been completed with the following key points noted:

- The location and extent of items to be demolished have been clearly identified;
- Access to electricity and potable water is to be arranged;
- All services (including electrical) to the items to be demolished are to be disconnected prior to any demolition works commencing by Hindmarsh;
- The location of adjacent roadways and operational areas has been clearly defined; and
- Even though no impact on existing hardstands, pavements and surrounding areas is anticipated during the works, their general conditions have been recorded.

8.3 MANAGEMENT PLANS / PROJECT DOCUMENTATION

- Demolition Work Plan;
- Health and Safety Environment Management Plan;
- Emergency Management Plan;
- Waste Management Plan;
- Safe Work Method Statement(s) (SWMS);
- Waste Recycling Register;
- Etc.

8.4 WEATHER

Daily monitoring of the weather will be undertaken by accessing the online weather bureau website. This information will be conveyed to the worker(s) at the morning pre start and may have a bearing on the daily undertakings. More regular monitoring and communications will be undertaken whenever necessary.

Precautions will be taken to ensure that the stability of all parts of the structure and the safety of worker(s) on site will be maintained in the event of a sudden and severe change in weather.

In the event the wind reaches levels where the work is deemed to be unsafe or above the loading conditions (i.e. crane lifts), or when the debris cannot be effectively contained or captured, the work area will be made safe, and work shall cease, as directed by the Project Manager or Demolition Supervisor.

8.5 SITE ACCESS

Vehicle access to the Site is via a driveway entrance on 100 Eton Road Lindfield. All internal traffic will be via the existing site roads and will be defined once the demolition work areas have been clearly identified.

All internal traffic will be as per Hindmarsh site traffic rules.

Access to the site for vehicles required to be in the demolition work zone will enter site via a driveway entrance on entrance on 100 Eton Road Lindfield. Please see the Hindmarsh Traffic Management Plan for further detail.

8.6 STRUCTURAL DETAILS

8.6.1 All structures to be demolished will be removed as per AS2601, - The Demolition of Structures (demolition-controlled zone boundary at a distance of 2 times the height of the structure to be demolished). Back propping to be install as require by certify structure engineer.

8.6.2 Services

All site services to the structures and equipment to be demolished will be effectively isolated and disconnected by Hindmarsh.

8.7 HOURS OF WORK

The hours of work from Monday to will be 7am to 6:00pm, with a prestart meeting beginning at 7am. Saturday 7am to 3.00pm, there will be no work on Sundays unless permission is expressly given by the council/client.

9 UNDERSTANDING OF SPECIFIC PROBLEMS

The following table details specific issues that may arise during the course of the works and proposed solutions:

#	Identified Problem	Proposed Solutions
1	Interactions with, and disturbance of public (incl. machine-to-machine and machine-to-personnel interactions)	<ul style="list-style-type: none"> ▪ Project planning; ▪ Extensive communication with Client & Council for the Project; ▪ Kontro Group, Hindmarsh & Council Permits; ▪ Worker(s) induction(s).
2	Traffic interactions (incl. machine-to-machine and machine-to-personnel interactions)	<ul style="list-style-type: none"> ▪ Project planning; ▪ Adherence to the Traffic Management Plan; ▪ Barricading and flagging wherever necessary; ▪ Ensure local traffic control needs are communicated;

		<ul style="list-style-type: none"> ▪ Kontro Group, Hindmarsh & Council Permits; ▪ Worker(s) induction(s).
3	Manual Handling	<ul style="list-style-type: none"> ▪ Induct worker(s) into proper lifting/handling techniques; ▪ Use mechanical aid whenever possible (e.g telehandler); ▪ Use correct PPE.
4	Working at heights	<ul style="list-style-type: none"> ▪ Induct worker(s) into WAH procedure; ▪ Ensure worker(s) are trained in WAH; ▪ Hindmarsh Permits; ▪ Edge and / or fall protection (100% hook-up when working close to a live edge); ▪ Spotter(s) whenever required.
5	Objects falling from heights	<ul style="list-style-type: none"> ▪ Maintain proper housekeeping; ▪ Exclusion and drop zones in place.
6	Working in a constricted area (Not a Confined Space)	<ul style="list-style-type: none"> ▪ Adequate project Planning; ▪ Housekeeping; ▪ Progressive waste removal.
7	Crane lifts	<ul style="list-style-type: none"> ▪ Project planning; ▪ No work under suspended loads; ▪ Engineered lift studies for complex / critical lifts; ▪ Management of interaction between demolition and crane lifts; ▪ Exclusion zones.
8	Sub-contractor engagement on site	<ul style="list-style-type: none"> ▪ Induct sub-contractor into Company policies; ▪ Refer to Kontro Group Procedure Sub-Contractor Management.
9	Media attention	<ul style="list-style-type: none"> ▪ Refer media inquiries to Hindmarsh and the Client; ▪ Induct worker(s) into Communication Protocol.
10	Public concerns	<ul style="list-style-type: none"> ▪ Refer public contact to Kontro Group, Hindmarsh;

		<ul style="list-style-type: none"> ▪ Induct worker(s) into Communication Protocol.
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10 SITE ORGANISATION

10.1 PERIMETER FENCING

The Lindfield learning village Stage 2 works is to be secured by temporary fencing.

10.2 DEMOLITION CONTROLLED ZONE(S)

The demolition work zones within the site will be physically separated from other operational and public areas. Only worker(s) who have been inducted with the authority of the Project Manager or Demolition Supervisor may enter the Demolition Controlled Zone(s).

10.3 BARRICADING AND SIGNAGE

The site will be barricaded and signposted at the perimeter to define the area and prevent access from unauthorised personnel.

Barricading will consist of a combination of existing barriers (fences etc.) as well as temporary fencing. Appropriate signage will be installed where applicable.

Barricading will be checked regularly to ensure it is fit for purpose.

10.4 MATERIALS PROCESSING AREA(S)

A materials processing area will be set up within the fenced perimeter. The exact location(s) will vary dependent on the location of the particular item or structure being demolished at any given time.

The location of each processing area will be clearly identified in the specific Work Method Statement(s) and at the Daily Pre-Start Meetings.

10.5 FIRST AID

At a minimum one certified First Aid worker(s) shall be on site full time during the works to administer First Aid in the event of an incident. The Company will ensure that enough First Aid Kits are made available for the workers on site.

10.6 SITE AMENITIES

The site amenities and office will be supplied by Kontro Group along with potable water and electricity.

The amenities will be maintained in a clean and hygienic manner during the course of the Project.

11 DEMOLITION METHODOLOGY

The following is general information which will be developed further within the specific Safe Work Method Statements (SWMS) prepared under separate covers.

11.1 SITE ESTABLISHMENT

In this stage of works, activities such as setting up of the Demolition Controlled Zone(s) and Processing Area(s), mobilisation of plant and equipment, establishment of site amenities and offices will be completed.

11.2 ISOLATION OF UTILITY SERVICES

Hindmarsh will engage specialist contractors to disconnect all required utility services prior to any demolition works commencing.

Any services that are identified to remain will be protected.

11.3 SOFT STRIP OUT

Kontro Group will manually and mechanically strip out furniture (salvaging where possible) and all internal fittings and fixtures using a combination of small excavators, hand and power tools. With the assistance of mechanical aids (skid steer and telehandler), the demolished debris will be placed into site bins varying locations, depending on the location and type of debris and loaded out to an appropriately licensed disposal facility.

11.4 ASBESTOS REMOVAL

Kontro Group will undertake all asbestos removal works concurrently with soft strip out. These works will be completed as per SafeWork Code of Practice: How to Safely Remove Asbestos and a Clearance Certificate will be issued by a Licenced Asbestos Assessor to verify removal upon completion of works. Refer to Asbestos Removal Control Plan – Lindfield Learning Village Stage 2 Rev 1

11.5 DEMOLITION WORKS

The Green house structure located at Gate 1 between Zone H,J and F will be demolished using 1 x 15t excavators fitted with grabs and buckets. These attachments shall help minimise any loose or flying debris that may result from the demolition. The excavators will commence at the top of the structure working down. Demolition will be conducted such that the floors above will not be undermined structurally causing any unplanned movements. Exclusion zone will be in place and spotter will be implemented to ensure other workers or unauthorized personnel entering demolition zone.

Following these 15t excavators will be a 1.7t excavator which will clean up demolished materials to ensure housekeeping and waste segregation takes place concurrently with the demolition process.

Demolition of 3 large void penetrations zone K level 5, 4 and 3 will be demolish using catch deck, back propping, saw cut into small block and lift out by 60T mobile crane. Asbestos waffles to be removed and clearance reports will be issues by Airsafe before commencing of the demolition. Catch deck to be erect to level 5,4 and 3 underneath the penetrations and sign off by certify structure engineer. Core hole will be implemented to 4 corners of the penetrations to eliminate over cut. 60T mobile crane to lift up road saw to rooftop and cut up concrete into 200mm and 1000mm block. Lifting eye bolt will be install to 200mm concrete block for separation and place onto 1.5m3 craneable site bin. 1000mm block will be lift separately, dogman to ensure rigging is done correctly. 60T crane will lift 1000mm block straight to recycle bin place on ground level. Exclusion zone will be in place and spotter will be implemented to ensure other workers or unauthorized personnel entering demolition and crane zone.

11.6 DEMOBILISATION

When all the works have been completed, work areas made good and handed over to Hindmarsh, the plant and equipment will be progressively removed from site and relocated to another project site or to the Company main laydown yard.

11.7 STRUCTURAL ENGINEERING REQUIREMENTS

Structural engineering will be required on this project to ensure back propping and catch deck are correctly install and suitable for the tasks.

11.8 MAJOR PLANT & EQUIPMENT

The following outlines a list of the proposed plant and equipment to be used for the works:

- 1 x 60t Mobile Crane
- 1 x 15t Excavator with, Grab and Bucket Attachments
- 1 x 1.7t Excavator with Grab, Hammer, and Bucket Attachments;
- 1 x Skid Steer with 4 in 1 Buckets;
- 1 x Telehandler
- 1 x scissor lift;
- 1 x EWP lift;
- 2 x Site Vehicles;

11.9 TRANSPORTATION

Brick and concrete will be loaded into hook bin trucks and transported offsite for recycling.

General demolition waste material will be loaded into hook bin trucks for disposal at a licensed facility.

11.10 RECYCLING AND WASTE MANAGEMENT

Kontro Group intends to recyclable waste produced will be recycled.

All scrap steel material will be transported to an offsite scrap recycling facility.

All general demolition waste will be transported offsite by licensed contractor(s) to a lawful disposal landfill. All waste will be tracked with disposal docket(s) recorded.

Ref: *Waste Management Plan*

11.11 REGULATORY AUTHORITY NOTIFICATION

SafeWork NSW will be notified on the prescribed form and in the prescribed manner of the intention of the Company to undertake the following Demolition and Asbestos Removal Works.

The regulator will be provided with a notification at least five (5) days prior to work commencing as prescribed.

Ref: *Form 67 Notification of demolition work*

12 SAFETY AND ENVIRONMENTAL RISK CONTROL

12.1 PROTECTIVE MEASURES

Barricading

The perimeter of the defined Demolition Controlled Zones will be barricaded and sign posted to prevent unauthorised access. Only persons with the authority of the Project Manager and/or may enter the areas. Call-up signs will be installed at each entry to the Demolition Controlled Zone.

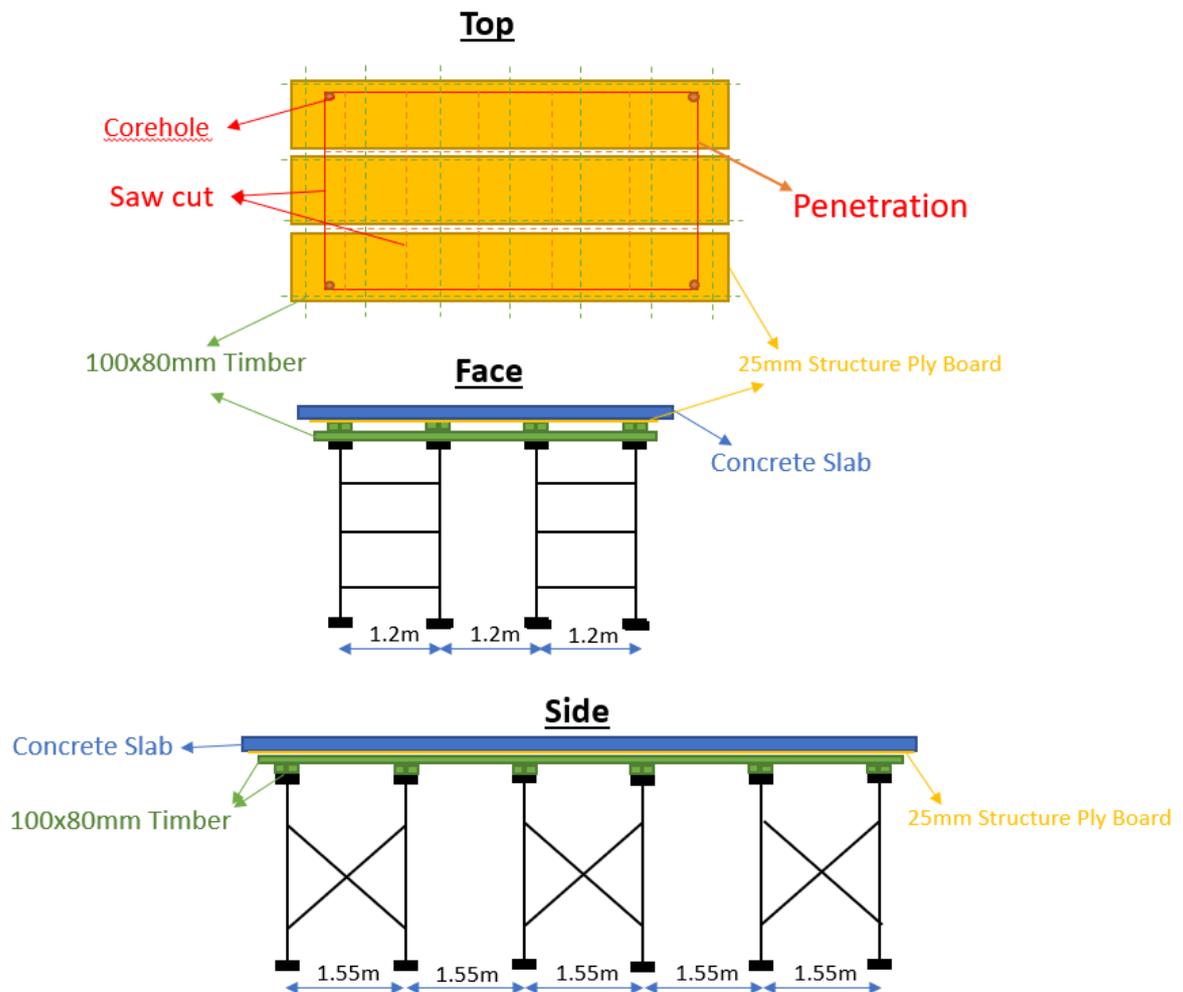
Spotters

During the demolition works, spotters may be stationed as required for specific activities, as determined by the management team.

Catch Deck/Back Propping

Catch deck will be erect prior to commencing demolition of penetrations work and sign off by certify structure engineer. Demolition supervisor to ensure catch deck are correctly erect and maintain every day.

Catch Deck - Diagram



12.2 EMERGENCY RESPONSE

An emergency response plan will be developed prior to the commencement of work. An emergency muster point will also be identified on site.

Ref: *Emergency Management Plan*

12.3 DAILY CHECK ITEMS

12.3.1 Before Commencing

- All openings and elevated free edges are properly guarded.
- Any temporary bracing or propping and the like are stable and secure.
- All fire and safety services are operational where required and other services not required have been safely disconnected.
- Any hazardous substances have been removed and correctly disposed of.
- Lines of communication to the supervisor are clear and operational.
- All emergency access routes are clear of debris and clearly marked.

12.3.2 Before Leaving Site

- All partly demolished plant and or structures are secure and stable.
- All demolished materials have been removed or secured against high winds.
- All fires or burning embers have been properly extinguished.
- All emergency access routes are clear of debris and clearly marked.
- All boundaries have been secured against unlawful entry.
- All areas outside of the deconstruction zone are clear of demolished materials and any hazard is properly lit, guarded and clearly marked.
- A daily close out meeting will be held to confirm all of the above.

13 NOISE CONTROL

Following is a list of the most recurrent noise producing activities to be undertaken:

- Hammering/cracking concrete with Jack hammers ;
- Bin trucks;
- Loading out of waste;
- Plant movements;
- Oxy cutting;

Noise from the above activities is expected to be minimal and expected to fall within the required parameters of the site.

14 CLIENT INSTRUCTIONS

Instructions are to be accepted from the Hindmarsh nominated representative(s) only.

15 COMPLAINTS

Hindmarsh shall be notified immediately should any of the following occur:

- Media enquiries;
- External (public) and Internal complaints.

A complaints Register will be kept up to date on-site and provided on request.

16 PROGRAMME

See Hindmarsh – Lindfield Learning Village Stage 2 Tender Programme Schedule under separate cover, excluded any delay.

17 SITE INDUCTIONS

All workers shall undergo a Hindmarsh site-specific induction prior to commencing work.

All visitors will undergo a Hindmarsh Visitor's Induction prior to entering the site and will always remain with a fully inducted person.

18 AUTHORITY TO WORK / PERMIT TO WORK

The Hindmarsh Permit system will be utilised and will form part of the Work Pack for each task.

19 TRAINING

Only trained workers will be engaged on the project along with proof of their qualifications provided. Verification Competencies (VOC's) will also be undertaken, and recorded.

20 WORK AREA INSPECTIONS

Work area inspections shall be undertaken on a weekly basis by Supervisor and HSE personnel as a minimum.

Ref: *HSE Management Plan*

21 HEALTH AND SAFETY SYSTEM

Consideration of health and safety risks and control measures have been included in the site-specific Health and Safety Environment Management Plan under a separate cover. In addition, Development of specific Safe Work Method Statements.

22 ECOLOGICAL SUSTAINABILITY DEVELOPMENT

The company commits to an ecological and sustainable site, including the following:

22.1 GREEN PROCUREMENT AND ENERGY & WATER EFFICIENCY

The following measures shall be adopted:

- Use of the latest in fuel efficient plant;
- Lighting will only be used for site offices and amenities where natural light is insufficient (no lighting required outside to facilitate the works);
- When plant is not in use it is to be switched off, minimising idling time of the plant;
- Transport loads will be maximised to reduce number of loads and hence emissions and impact on the environment;
- Recycled paper will be used for all documentation produced and printing on both sides of each page. Soft copies of documents are to be used in preference to printing;
- Plant is maintained to manufacturer's specifications.

22.2 WASTE AND RECYCLING

- All demolition material will be sorted into waste streams to maximise recycling;
- recycling of all ferrous and non-ferrous products from the project.

22.3 EFFICIENCY IN RESOURCE AND MATERIAL USE

Due to the nature of the undertaking, the use of materials will predominately be fuel, Oxy/LPG gas, and geo-fabric/sediment fencing for environmental controls. The use of these materials will be monitored to ensure maximum efficiency is achieved.

22.4 MONITORING AND REPORTING

The following items shall be monitored by all worker(s) and reported to the Project Manager for action:

- Water leaks;
- Flicking lights;
- Dripping taps;
- Idling plant;
- Inefficient use of materials;
- Inefficient use of plant.

All monitoring requirements identified within the plans referenced in section 8.3 above will be adhered to.

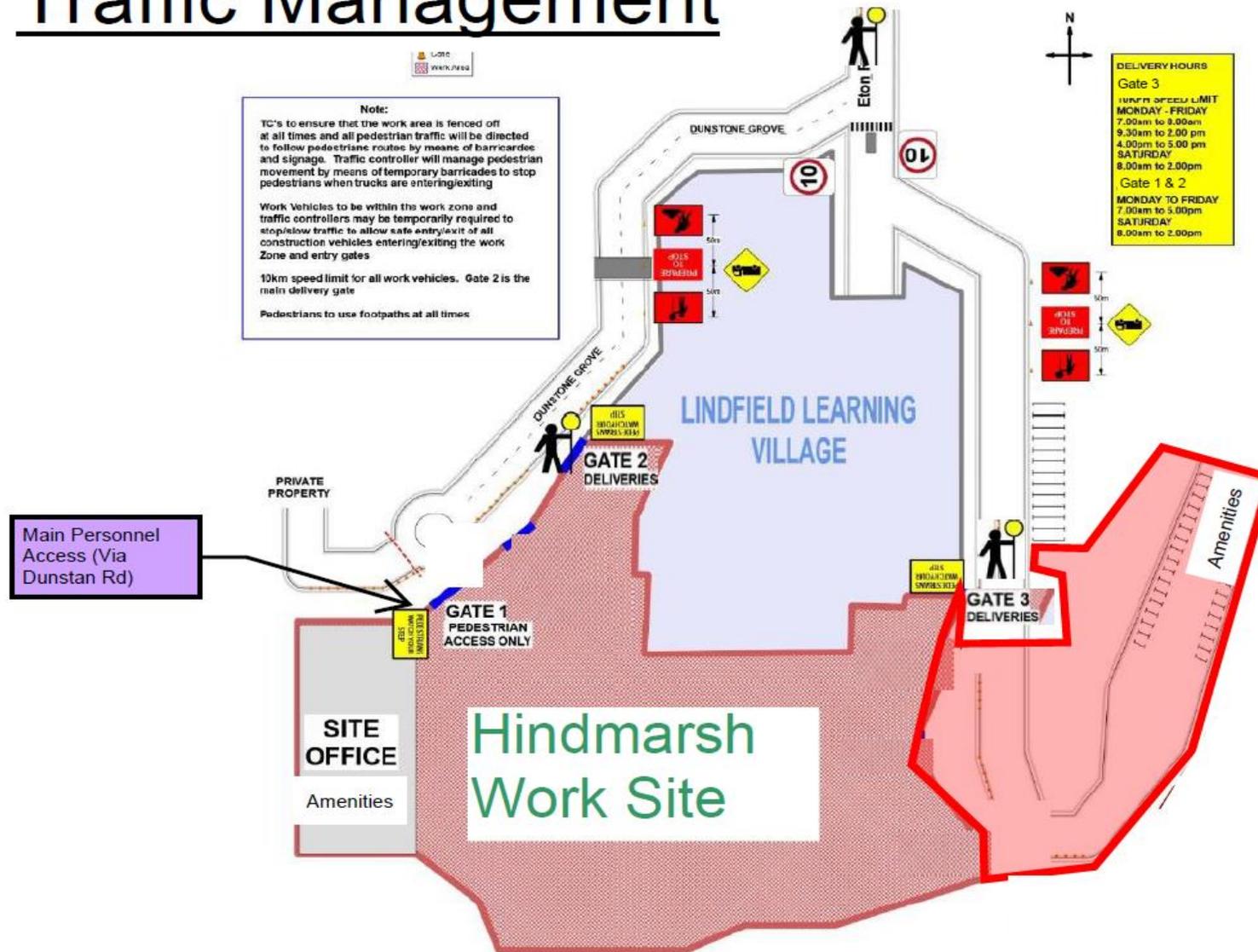
23 COMMUNICATION PROTOCOL

All external communication including media, key community representatives, community groups, neighbours approached Kontro Group personnel shall be notified to the Project Manager or Delegate immediately. All external communications shall then be directed to the Hindmarsh representative.

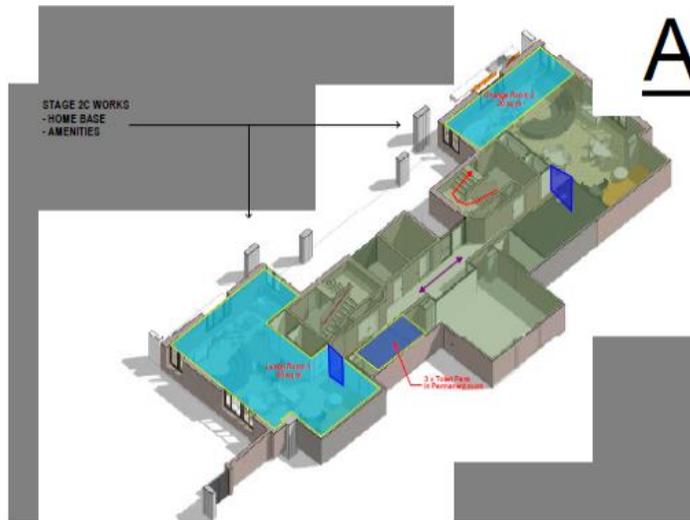
APPENDIX 1 – SITE LAYOUT



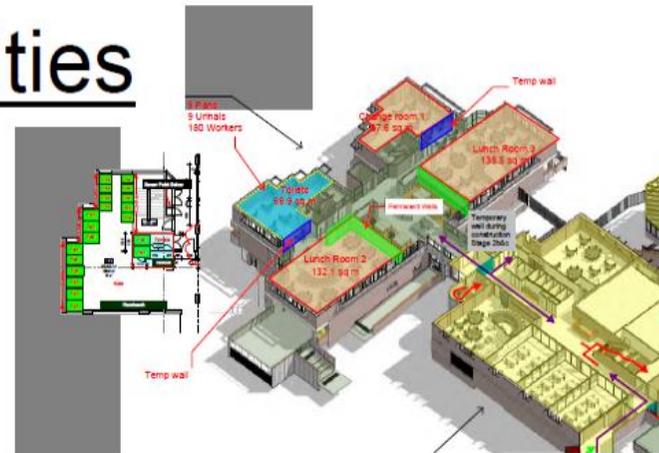
Traffic Management



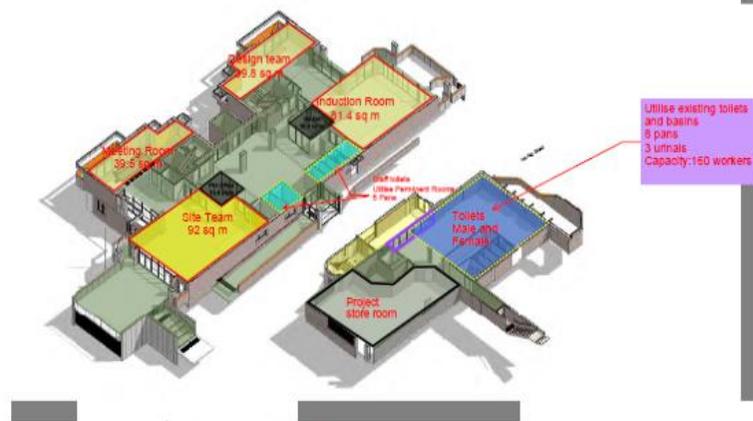
Amenities



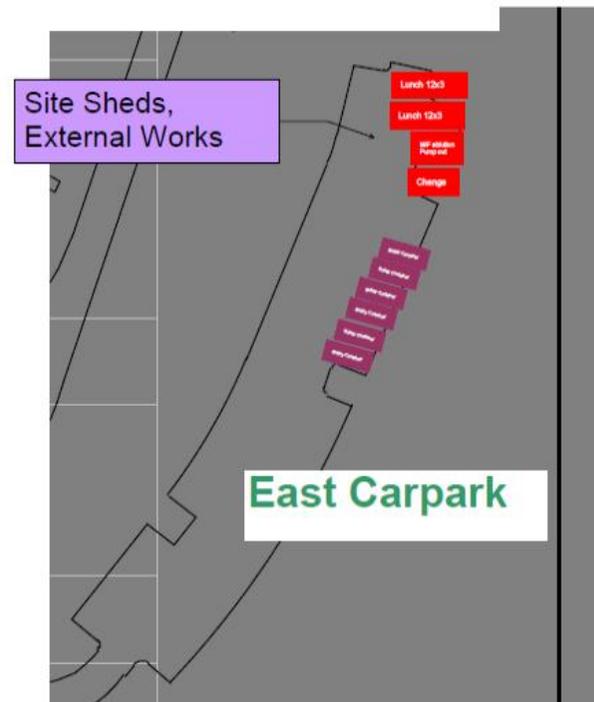
Level 0



Level 2 and Level 3

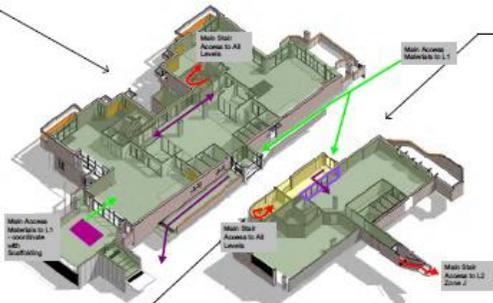


Level 1



Material Handling

STAGE 2C WORKS
- HOME BASE
- AMENITIES



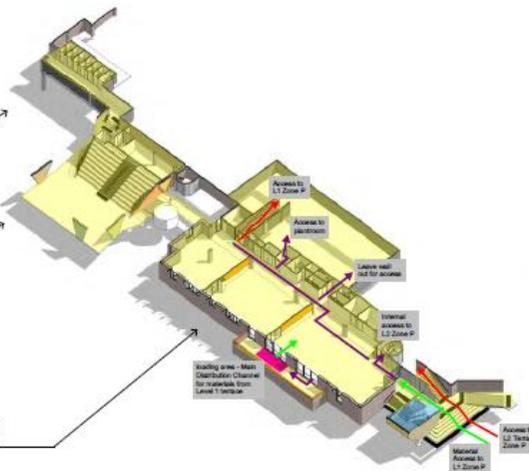
STAGE 2C WORKS
- CAFETERIA
- AMENITIES
- PLANT

STAGE 2A WORKS
FIRE STAIR EGRESS

STAGE 2A WORKS
AMENITIES

STAGE 2A WORKS
COLA

STAGE 2A WORKS
- VISUAL ARTS
- PLANT ROOM



NOTE: 3D STAGING PLANS TO BE READ IN CONJUNCTION WITH 2D STAGING PLANS SERIES

STAGING NOTES:

Stage 2a: DIT1 2021 Potential for 700 students

- Deliver 2 full homebases with to incorporate 27 General Learning Spaces and accompanying support space and lifts
- 4 Science Labs and accompanying science prep rooms
- Food Tech/ Kitchen/Teatiles/ Visual arts specialist spaces and extension to cafeteria
- 2 workshops for metal and wood work including accompanying 3 workshop learning spaces and ODA platform access lift
- New COLA and facilities
- Staff and Administration areas
- all extended driveway, busloop and associated site civil works, landscaping and associated fencing
- Extended L5 Cafeteria space
- BAL, Flame Zone and Remedial works to full facade and roof
- Fire trail link to Dunstan Grove
- Perimeter fencing to entire site (including stage 2c areas) to be completed as part of stage 2a works.

Stage 2b: DIT3 2021, potential for 1050 students:

- Handover Partial School to contractor
- Deliver one additional homebase incorporating 13 GLA's and supporting spaces
- 2 Science labs and accompanying science prep rooms
- 1 drama lecture theatre
- 1 music lecture theatre
- Repurposed 2 health GLA
- Repurposed L5 Staff Spaces
- New external sothern Fire stair structure

Stage 2c: DIT1 2022, potential for 2000 students:

- Handover the other three homebases to include 36 GLA's and accompanying support space and lift
- Deliver facilities for Aurora Distance Learning AURORA
- Repurposed new OOSH / 2x Performance Spaces
- Handover internal Carpark, new end of trip Facilities
- Storage areas
- L1 Cafeteria

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Revised: 2021
Revision: 001
Project: Lindfield Learning Village Stage 2

NO.	DATE	REVISION	BY
1	2021/08/04	Issue for tender	AM

LEGEND

EXISTING PARTIAL SCHOOL

DIT1 2021 STAGE 2A (700 STUDENTS)
 2x HOME BASES + SPECIALTY AREAS
 DIT3 2021 STAGE 2B (1050 STUDENTS)
 1x NEW HOME BASE + SPECIALTY AREAS

DIT1 2022 STAGE 2C (2000 STUDENTS)
 3x NEW HOME BASES + SPECIALTY AREAS
 4x OOSH PARTIAL SCHOOL REPURPOSED

STAGE 2A TEMP. SW. FIRE RATED WALL

NOTE: ALL NEW SITE CIVIL AND ROADWORKS INCLUDING BUS BAY, BUS TURNAROUNDS, SOUTHERN LOOP ROAD WITH STUDENT DROP OFF AND PICK UP, TRUSS TRAIL LINK TO DUNSTAN GROVE, AND PACIFIC HIGHWAY UPGRADES TO BE COMPLETED WITH STAGE 2A WORKS

CONTRACTOR LIST:

TRAFFIC ENGINEER	AVP	AVP
SPRUE AND ASSOCIATES	SPRUE AND ASSOCIATES	SPRUE AND ASSOCIATES
PAE	STYRON CONSULTANTS & ASSOC.	STYRON CONSULTANTS & ASSOC.
CIVIL AND STRUCTURAL ENGINEER	SPRUE AND ASSOCIATES	SPRUE AND ASSOCIATES
ME	MBC	MBC
LANDSCAPE ARCHITECT	WELLS AND WOODLAND	WELLS AND WOODLAND
PROJECT MANAGER	SHARPLE	SHARPLE

ARCHITECT: Designing | Lacoste + Stevenson | hmc2 architects in association

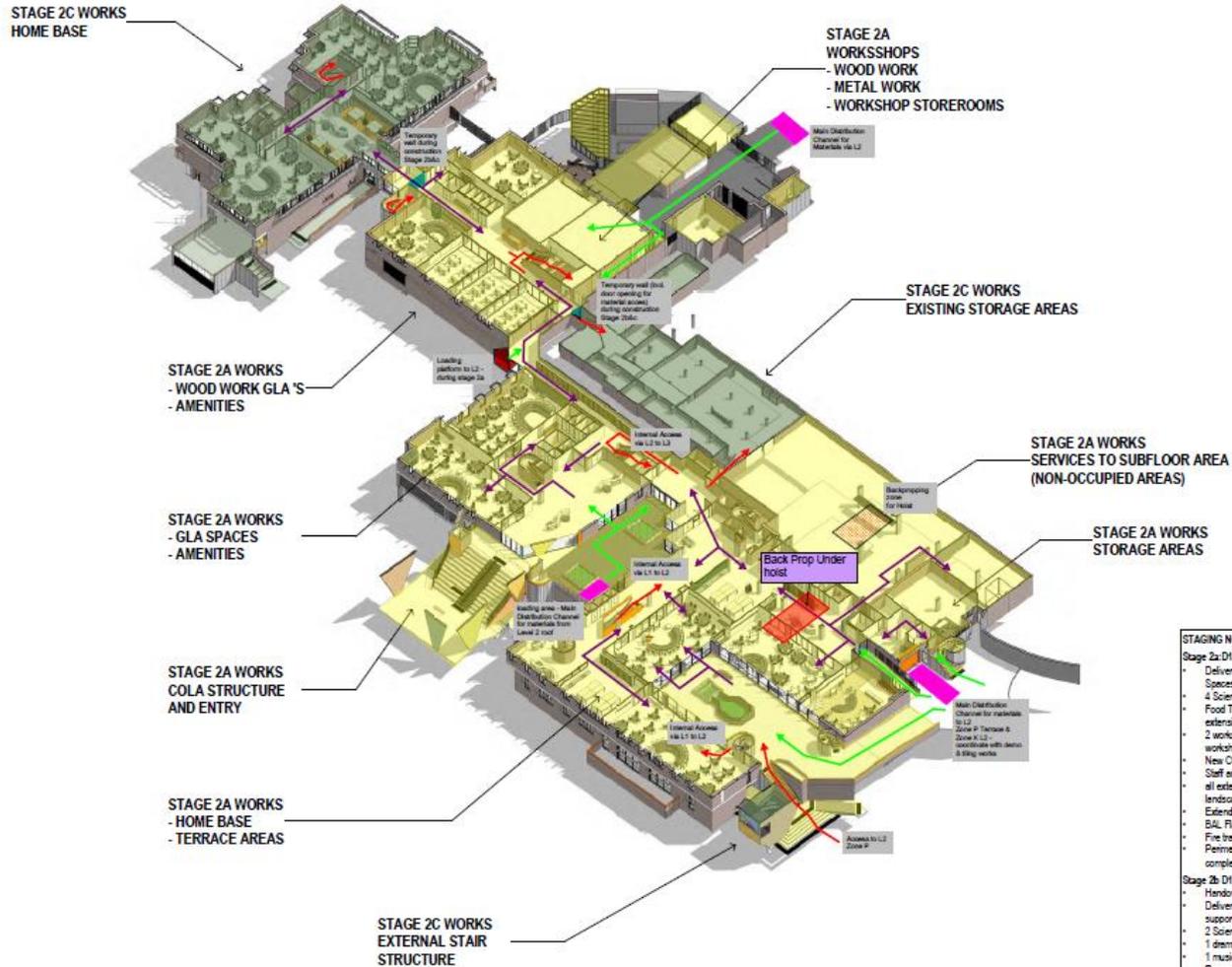
CLIENT: LINDFIELD LEARNING VILLAGE
100 ETON RD, LINDFIELD NSW 2070

TITLE: 3D STAGING PLANS - OVERALL LEVEL 1 PLAN

DRAWN: J. ZEIGER
SCALE: 1:100 @ A4
PROJECT: P19-005
DRAWING: AR-2-2021
REVISION: A

FOR TENDER

Material Handling



NOTE: 3D STAGING PLANS TO BE READ IN CONJUNCTION WITH 2D STAGING PLANS SERIES

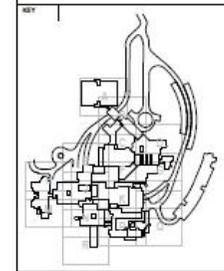
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NO	DATE	REVISION	BY
1	10/10/2024	Final Production	DL

LEGEND:

- EXISTING PARTIAL SCHOOL
- D1T1 2021 STAGE 2A (700 STUDENTS)
2x HOME BASES + SPECIALTY AREAS
- D1T1 2021 STAGE 2B (1050 STUDENTS)
1x NEW HOME BASE + SPECIALTY AREAS
- D1T1 2021 STAGE 2C (2000 STUDENTS)
2x NEW HOME BASES + SPECIALTY AREAS
- EXIST PARTIAL SCHOOL REPURPOSE
- STAGE 2A TEMP 200 FIRE RATED WALL

NOTE: ALL NEW SITE CIVIL AND ROADWORK INCLUDING BUS BAY, BUS TURNAROUND, SOUTHERN LOOP ROAD WITH STUDENT DROP OFF AND PICK UP, TRUSS TRAIL, LINK TO DUNSTON GROVE, AND PACIFIC HIGHWAY UPGRADES TO BE COMPLETED WITH STAGE 2A WORKS.



COMPANY	NAME	ADDRESS	PHONE
ARCHITECT	ARUP	ARUP	PH: 02 800 0000
ENGINEER	SPRAG AND ASSOCIATES	SPRAG AND ASSOCIATES	PH: 02 9437 1000
PAVING	STEPHEN DELIBUTO & ASSOC.	STEPHEN DELIBUTO & ASSOC.	PH: 02 9500 1000
CIVIL AND ELECTRICAL ENGINEER	BUNICULUS ASSOCIATES	BUNICULUS ASSOCIATES	PH: 02 800 7000
MEP	NBC	NBC	PH: 02 9500 1000
CONTRACTOR	WILDE AND WOODLAND	WILDE AND WOODLAND	PH: 02 9437 1000
PAVING	CAVILL'S	CAVILL'S	PH: 02 9500 1000

Designing | **Lacoste + Stevenson** | **arch2**
 WORKSPACES BY ACCORDANCE
 Designing Sydney PT (ARCHITECT) 80000000
 1/17 PACIFIC AVENUE SYDNEY NSW 2000 AUSTRALIA
 PH: 02 9437 1000 FAX: 02 9437 1001
 WWW.LACOSTEANDSTEVENSON.COM.AU
 Architecture Urban Design Interiors

SCHOOL INFRASTRUCTURE NSW

PHASE 1
 LINDFIELD LEARNING VILLAGE
 100 ETON RD, LINDFIELD NSW 2070

III
 3D STAGING PLANS -
 OVERALL LEVEL 2 PLAN

NO	DATE	REVISION	BY
1	10/10/2024	Final Production	DL

FOR TENDER

- STAGING NOTES:**
- Stage 2a: D1T1 2021 Potential for 700 students
 - Deliver 2 full homebases with to incorporate 27 General Learning Spaces and accompanying support space and lifts
 - 4 Science Labs and accompanying science prep rooms
 - Food Tech/ Kitchen/ Textile/ Visual arts specialist spaces and extension to canteene
 - 2 workshops for metal and wood work including accompanying 3 workshop learning spaces and DDA platform access lift
 - New COLA and facilities
 - Staff and Administration areas
 - all extended driveway, busloop and associated site civil works, landscaping and associated fencing
 - Extended L5 Canteene space
 - BAL Flame Zone and Remedial works to full facade and roof
 - Fire trail link to Dunstan Grove
 - Perimeter fencing to entire site (including stage 2c areas) to be completed as part of stage 2a works.
 - Stage 2b: D1T3 2021 potential for 1050 students:
 - Handover Partial School to contractor
 - Deliver one additional homebase incorporating 13 GLA's and supporting spaces
 - 2 Science labs and accompanying science prep rooms
 - 1 drama lecture theatre
 - 1 music lecture theatre
 - Repurposed 2 health GLA
 - Repurposed L6 Staff Spaces
 - New external sothern Fire stair structure
 - Stage 2c: D1T1 2022, potential for 2000 students:
 - Handover the other three homebases to include 36 GLA's and accompanying support space and lift
 - Deliver facilities for Aurora Distance Learning AURORA
 - Repurposed new OOSH/ 2x Performance Spaces
 - Handover Internal Carpet, new End of trip Facilities
 - Storage areas
 - L1 Canteene

Material Handling

STAGE 2C WORKS
HOMBASE GLA'S

STAGE 2C WORKS
HANDOVER EXISTING INTERNAL CARPARK
- NEW EOT FACILITIES

STAGE 2A WORKS
- SCIENCE LABS
- AMENITIES

STAGE 2B WORKS
- HOME BASE GLA'S
- AMENITIES

STAGE 2A WORKS
COLA STRUCTURE
AND ENTRY

STAGE 2B WORKS
- NEW EXTERNAL
STAIR STRUCTURE

STAGE 2A WORKS
- EGRESS CORRIDOR
FROM LEVELS ABOVE

STAGE 2B WORKS
- HOMEBASE GLA'S
- AMENITIES
EXTERNAL TERRACE AREAS

NOTE: 3D STAGING PLANS TO BE READ IN CONJUNCTION
WITH 2D STAGING PLANS SERIES

STAGING NOTES:

- Stage 2a: D1T1 2021 Potential for 700 students**
- Deliver 2 full homebases with to incorporate 27 General Learning Spaces and accompanying support space and lifts
 - 4 Science Labs and accompanying science prep rooms
 - Food Tech Kitchen/Teatery Visual arts specialist spaces and extension to cafeteria
 - 2 workshops for metal and wood work including accompanying 3 workshop learning spaces and DDA platform access lift
 - New COLA and facilities
 - Staff and Administration areas
 - all extended driveway, busloop and associated site civil works, landscaping and associated fencing
 - Extended L5 Cafeteria space
 - BAL Flame Zone and Remedial works to full facade and roof
 - Fire trail links to Dunstan Grove
 - Perimeter fencing to entire site (including stage 2a areas) to be completed as part of stage 2a works
- Stage 2b: D1T3 2021, potential for 1050 students:**
- Handover Partial School to contractor
 - Deliver one additional homebase incorporating 13 GLA's and supporting spaces
 - 2 Science labs and accompanying science prep rooms
 - 1 drama lecture theatre
 - 1 music lecture theatre
 - Repurposed 2 health GLA
 - Repurposed L5 Staff Spaces
 - New external soffit Fire stair structure
- Stage 2c: D1T1 2022, potential for 2000 students:**
- Handover the other three homebases to include 36 GLA's and accompanying support space and lift
 - Deliver facilities for Aurora Distance Learning AURORA
 - Repurposed new OODH 3a Performance Spaces
 - Handover internal Carpark, new End of trip Facilities
 - Storage areas
 - L1 Cafeteria

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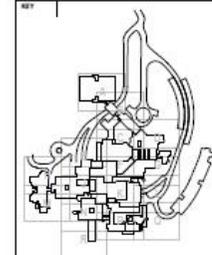
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Drawn: [Name]
Checked: [Name]
Approved: [Name]

NO	ITEM	REVISION	BY	DATE
1	ISSUED FOR TENDER			

LEGEND:	
[White Box]	EXISTING PATIAL SCHOOL
[Yellow Box]	D1T1 2021 STAGE 2A (700 STUDENTS) 2x HOME BASES - SPECIALTY AREAS
[Blue Box]	D1T3 2021 STAGE 2B (1050 STUDENTS) 1x NEW HOME BASE - SPECIALTY AREAS
[Green Box]	D1T1 2022 STAGE 2C (2000 STUDENTS) 3x NEW HOME BASES - SPECIALTY AREAS
[Red Box]	EXIST. PATIAL SCHOOL REPURPOSE
[Purple Box]	STAGE 2A TEMP. 2HR FIRE RATED WALL

NOTE: ALL NEW SITE CIVIL AND ROADWORKS INCLUDING BUSWAY, BUS TURNAROUND, SOUTHERN LOOP ROAD, NEW STUDENT CROSSING AND PEDEST. BRIDGE, TRAIL LINK TO DUNSTAN GROVE, AND PACIFIC HIGHWAY UPGRADES TO BE COMPLETED WITH STAGE 2A WORKS



CONSULTANT	NAME	ADDRESS	PHONE
PLANNING	ARUP	PO BOX 900000	
STRUCTURE	EMERSON AND ASSOCIATES	PO BOX 1000	
MECHANICAL	STEWART CHARLTON & ASSOC.	PO BOX 1000	
ELECTRICAL	STEWART CHARLTON & ASSOC.	PO BOX 1000	
CIVIL AND STRUCTURAL	STEWART CHARLTON & ASSOC.	PO BOX 1000	
MECHANICAL	STEWART CHARLTON & ASSOC.	PO BOX 1000	
ELECTRICAL	STEWART CHARLTON & ASSOC.	PO BOX 1000	
MECHANICAL	STEWART CHARLTON & ASSOC.	PO BOX 1000	
ELECTRICAL	STEWART CHARLTON & ASSOC.	PO BOX 1000	

DESIGNED BY: **Designinc | Locasto + Stevenson | bmc2**
ARCHITECTS BY: **Designinc | Locasto + Stevenson | bmc2**

CLIENT: **SCHOOL INFRASTRUCTURE NSW**

PROJECT: **LINDFIELD LEARNING VILLAGE
100 ETON RD, LINDFIELD NSW 2070**

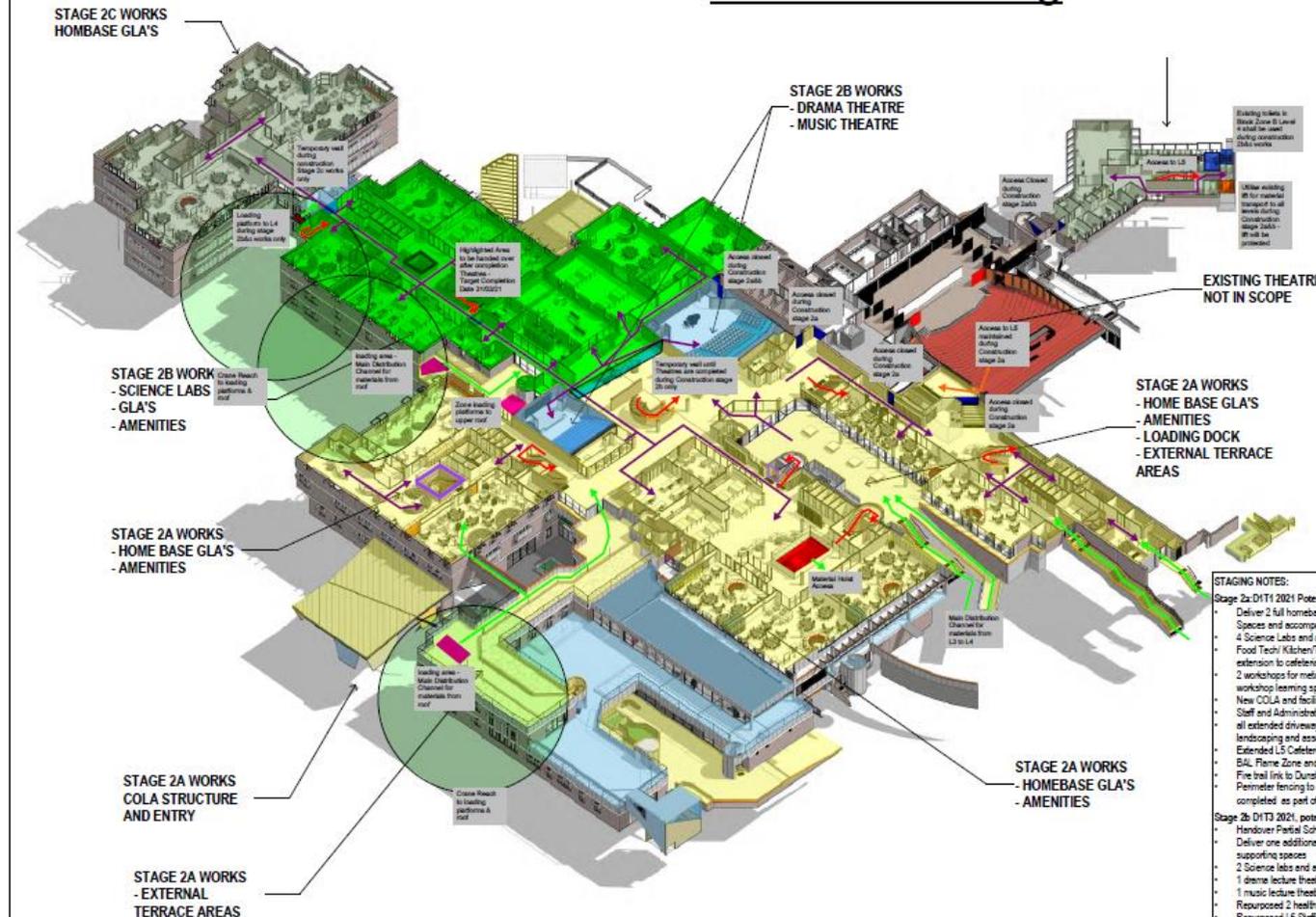
3D STAGING PLANS -
OVERALL LEVEL 3 PLAN

SCALE: 1:20 @ A1
PLOT: 05/10/20

PROJEC	P14-005	REVISION
DRAWING	AR-2-008	A
DATE	05/10/20	

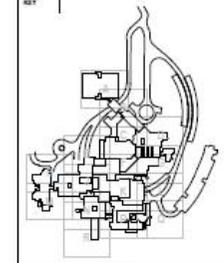
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NO	DATE	REVISION	BY
1	10/01/2024	FINAL PRODUCTION	DL



DESIGNER	ARUP
ENGINEER	SPRAG AND ASSOCIATES
PAVING	STEPHEN CRIBBIT & ASSOC.
CIVIL AND STRUCTURAL	BRINDLIS ASSOCIATES
MEP	MBC
LANDSCAPE	WILDE AND WOOLLARD
PROJECT MANAGER	CAVALLI

Designing | Lacoste + Stevenson | bmd2
 ARCHITECTS
 10/11 MACDONALD STREET, SYDNEY NSW 2000
 PH: (02) 9550 1000
 WWW.DESIGNINGNSW.COM

SCHOOL INFRASTRUCTURE NSW
 PROJECT | LINDFIELD LEARNING VILLAGE
 100 ETON RD, LINDFIELD NSW 2070

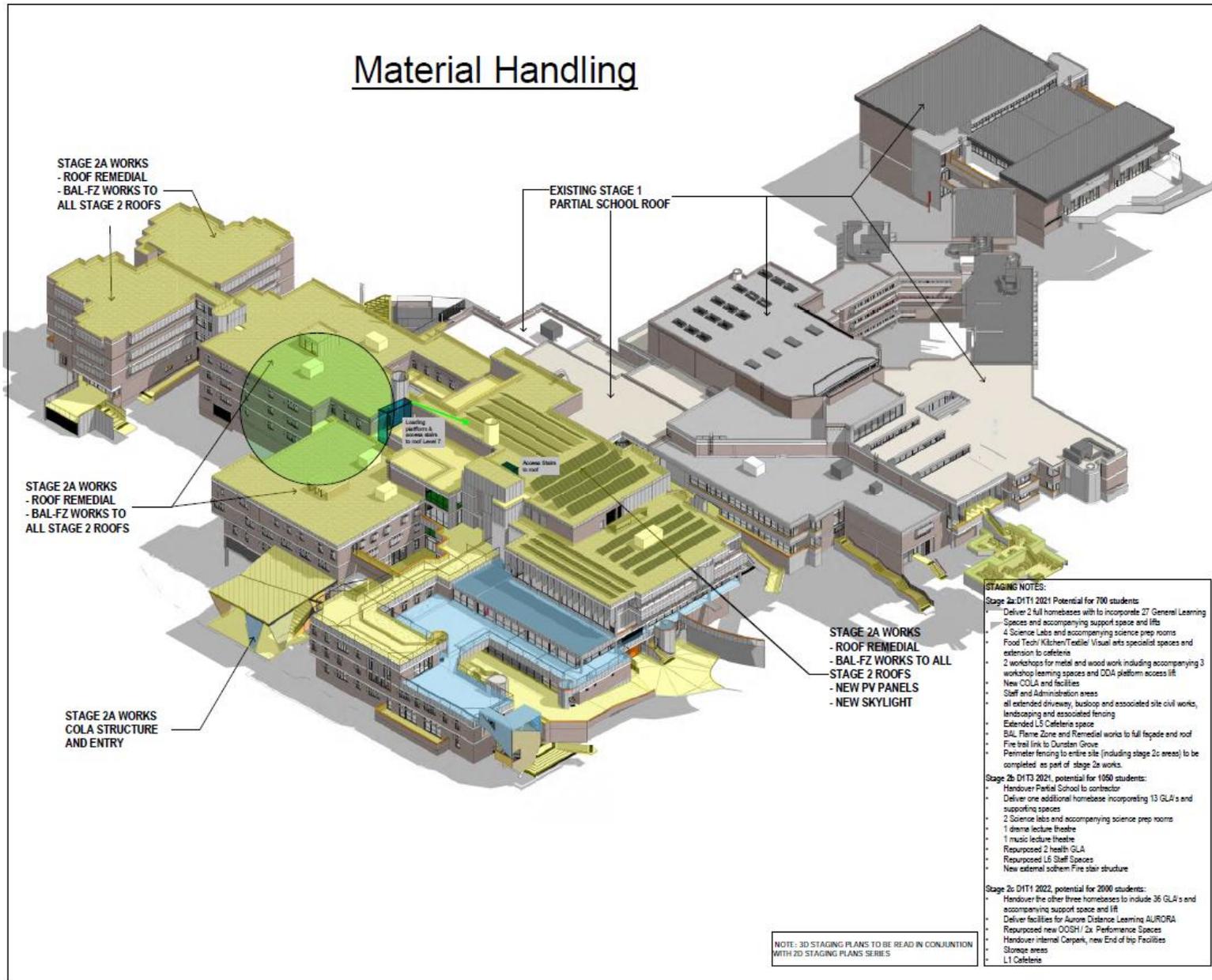
III | 3D STAGING PLANS - OVERALL LEVEL 4 PLAN

M	DRAWN	SCALE	1:20 @ A4
	PLOT		
PROJEC	P12-006	REVISION	
DRAWING	AR-2-2024	DATE	
DRAWINGS	REVISION	SIGNATURE	DATE
QUALITY CONTROL			

- STAGING NOTES:**
- Stage 2a: D11 2021 potential for 700 students
 - Deliver 2 full homebases with to incorporate 27 General Learning Spaces and accompanying support space and lifts
 - 4 Science Labs and accompanying science prep rooms
 - Food Tech/ Kitchen/ Textile/ Visual arts specialist spaces and extension to canteens
 - 2 workshops for metal and wood work including accompanying 3 workshop learning spaces and DDA platform access lift
 - New COLA and facilities
 - Staff and Administration areas
 - all extended driveway, busloop and associated site civil works, landscaping and associated fencing
 - Extended L5 Canteen space
 - BAL Flame Zone and Remedial works to full facade and roof
 - Fire trail link to Dunstan Grove
 - Perimeter fencing to entire site (including stage 2c areas) to be completed as part of stage 2a works
 - Stage 2b: D13 2021 potential for 1050 students:
 - Handover Partial School to contractor
 - Deliver one additional homebase incorporating 13 GLA's and supporting spaces
 - 2 Science labs and accompanying science prep rooms
 - 1 drama lecture theatre
 - 1 music lecture theatre
 - Repurposed 2 health GLA
 - Repurposed L6 Staff Spaces
 - New external soffit Fire stair structure
 - Stage 2c: D11 2022, potential for 2000 students:
 - Handover the other three homebases to include 36 GLA's and accompanying support space and lift
 - Deliver facilities for Aurora Distance Learning AURORA
 - Repurposed new OOSH/ 2x Performance Spaces
 - Handover internal Carpet, new End of trip Facilities
 - Storage areas
 - L1 Canteen

NOTE: 3D STAGING PLANS TO BE READ IN CONJUNCTION WITH 2D STAGING PLANS SERIES

Material Handling



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NO	DATE	REVISIONS	BY
1	10/08/2021	ISSUED FOR TENDER	MM

LEGEND:

- EXISTING PARTIAL SCHOOL
- D1T1 2021 STAGE 2A (700 STUDENTS)
- D1T1 2021 STAGE 2B (1000 STUDENTS)
- D1T1 2022 STAGE 2C (2000 STUDENTS)
- D1T1 2022 STAGE 2C (2000 STUDENTS)
- EXIST PARTIAL SCHOOL REPURPOSE
- STAGE 2A TEMP 2HR FIRE RATED WALL

NOTE: ALL NEW SITE CIVIL AND ROADWORKS INCLUDING BUS BAY, BUS TURNAROUND, SOUTHERN LOOK OUT WITH STUDENT DROP OFF AND PICK UP, FIRE TRAIL LINK TO DISTRICT GROUP, AND TRAFFIC ROADWAY UPGRADES TO BE COMPLETED WITH STAGE 2A WORKS

CONSULTANTS:

ARCHITECT	DESIGNINC	ARCHITECT	ARCHITECT
ENGINEER	ENGINEER	ENGINEER	ENGINEER
PLANNING	PLANNING	PLANNING	PLANNING
CIVIL AND STRUCTURE	CIVIL AND STRUCTURE	CIVIL AND STRUCTURE	CIVIL AND STRUCTURE
MEP	MEP	MEP	MEP
LANDSCAPE	LANDSCAPE	LANDSCAPE	LANDSCAPE
CONTRACTOR	CONTRACTOR	CONTRACTOR	CONTRACTOR

STAGING NOTES:

Stage 2a: D1T1 2021 Potential for 700 students:

- Deliver 2 full homebases with to incorporate 27 General Learning Spaces and accompanying support space and lifts
- 4 Science Labs and accompanying science prep rooms
- Food Tech/ Kitchen/Textile/ Visual arts specialist spaces and extension to cafe/tea
- 2 workshops for metal and wood work including accompanying 3 workshop learning spaces and ODA platform access lift
- New COLA and facilities
- Staff and Administration areas
- all extended driveway, busloop and associated site civil works, landscaping and associated fencing
- Extended L5 Cafeteria space
- BAL, Flame Zone and Remedial works to full facade and roof
- Fire trail link to Dunstan Grove
- Perimeter fencing to entire site (including stage 2c areas) to be completed as part of stage 2a works.

Stage 2b: D1T3 2021, potential for 1050 students:

- Handover Partial School to contractor
- Deliver one additional homebase incorporating 13 GLA's and supporting spaces
- 2 Science labs and accompanying science prep rooms
- 1 drama lecture theatre
- 1 music lecture theatre
- Repurposed 2 health GLA
- Repurposed L5 Staff Spaces
- New external southern Fire stair structure

Stage 2c: D1T1 2022, potential for 2000 students:

- Handover the other three homebases to include 36 GLA's and accompanying support space and lift
- Deliver facilities for Aurora Distance Learning AURORA
- Repurposed new OOSH/ 2x Performance Spaces
- Handover internal Carpark, new End of trip Facilities Storage areas
- L1 Cafeteria

NOTE: 3D STAGING PLANS TO BE READ IN CONJUNCTION WITH 2D STAGING PLANS SERIES

DESIGNINC | Locato + Stevenson | hmc2
architects in association

SCHOOL INFRASTRUCTURE NSW

LINDFIELD LEARNING VILLAGE
100 STON RD, LINDFIELD NSW 2070

3D STAGING PLANS - OVERALL ROOF LEVEL PLAN

DRAWN	SCALE	SUBJ
MM	1:50 @ A1	3D STAGING PLANS - OVERALL ROOF LEVEL PLAN
PROJECT	DATE	REVISION
LINDFIELD LEARNING VILLAGE	10/08/2021	A
DRAWING	NO	DATE
3D STAGING PLANS - OVERALL ROOF LEVEL PLAN	AR-2-2087	10/08/2021
APPROVED	DESIGNED	CHECKED
MM	MM	MM

QUALITY CONTROLLED

FOR TENDER



MAIL TYPE
General Correspondence

MAIL NUMBER
Hindmars-GCOR-000550

REFERENCE NUMBER
Hindmars-GCOR-000550

SSDA Condition B10- Demolition

From Mr Reg Struwig - Hindmarsh
To Mr Mike Gooley - Modern Building Certifiers
Cc Ms Sasha Serrao - Savills Project Management Pty Ltd
Sent Wednesday, 14 October 2020

MESSAGE

Hey Mike,

Please find attached condition satisfaction table and associated engineer statement and work plan.
Can you please confirm this is acceptable?

Regards,



Reg Struwig

Project Engineer
M 0466 206 864

T 02 9274 1116 F 02 6247 8898
47 - 53 Jones Street, Ultimo NSW 2007 Australia