

Hastings Secondary College Port Macquarie Campus Upgrade 16 Owen Street, Port Macquarie

Construction Traffic and Pedestrian Management Sub-Plan

Date: Dec 2021
Issue: AFC
Ref: 706AK/2020

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1.0 Introduction

This report has been prepared to accompany a State Significant Development Application (SSDA-11920082) to the Department of Planning, Industry and Environment (DPIE) for the proposed upgrades to Hastings Secondary College - Port Macquarie Campus (Figure 1).

This report has been prepared in satisfaction of Consent Condition no. B14(d), B15, B21 and C9, for submission of a Construction Pedestrian and Traffic Management Sub-Plan (CPTMSP) as part of the Construction Certificate documentation as follows:

Construction Environmental Management Plan

B14. Prior to the commencement of construction, the Applicant must submit a Construction Environmental Management Plan (CEMP) to the Certifier and provide a copy to the Planning Secretary. The CEMP must include, but not be limited to, the following:

(d) Construction Traffic and Pedestrian Management Sub-Plan (see condition B15);

Construction Traffic Management Plan (CTPMSP)

B15: The Construction Traffic Management Plan (CTPMSP) must be prepared to achieve the objective of ensuring safety and efficiency of the road network and address, but not be limited to, the following:

- a) be prepared by a suitably qualified and experienced person(s)*
- b) be prepared in consultation with Council and TfNSW;*
- c) detail:*
 - (i) measures to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services;*
 - (ii) measures to ensure the safety of vehicles and pedestrians accessing adjoining properties where shared vehicle and pedestrian access occurs;*
 - (iii) detail heavy vehicle routes, access and parking arrangements;*
 - (iv) the swept path of the longest construction vehicle entering and exiting the site in association with the new work, as well as manoeuvrability through the site, in accordance with the latest version of AS 2890.2; and*
 - (v) arrangements to ensure that construction vehicles enter and leave the site in a forward direction unless in specific exceptional circumstances under the supervision of accredited traffic controller(s).*

Construction Parking

B20. Prior to the commencement of construction, the Applicant must provide sufficient parking facilities off-site, including for heavy vehicles and for site personnel, to ensure that construction traffic associated with the development does not impact public and residential streets or public parking facilities.

Construction Traffic

C9. All construction vehicles are to be contained wholly within the site, except if located in an approved on-street work zone, and vehicles must enter the site or an approved on-street work zone before stopping.

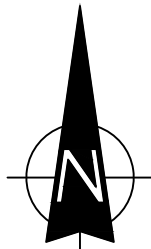
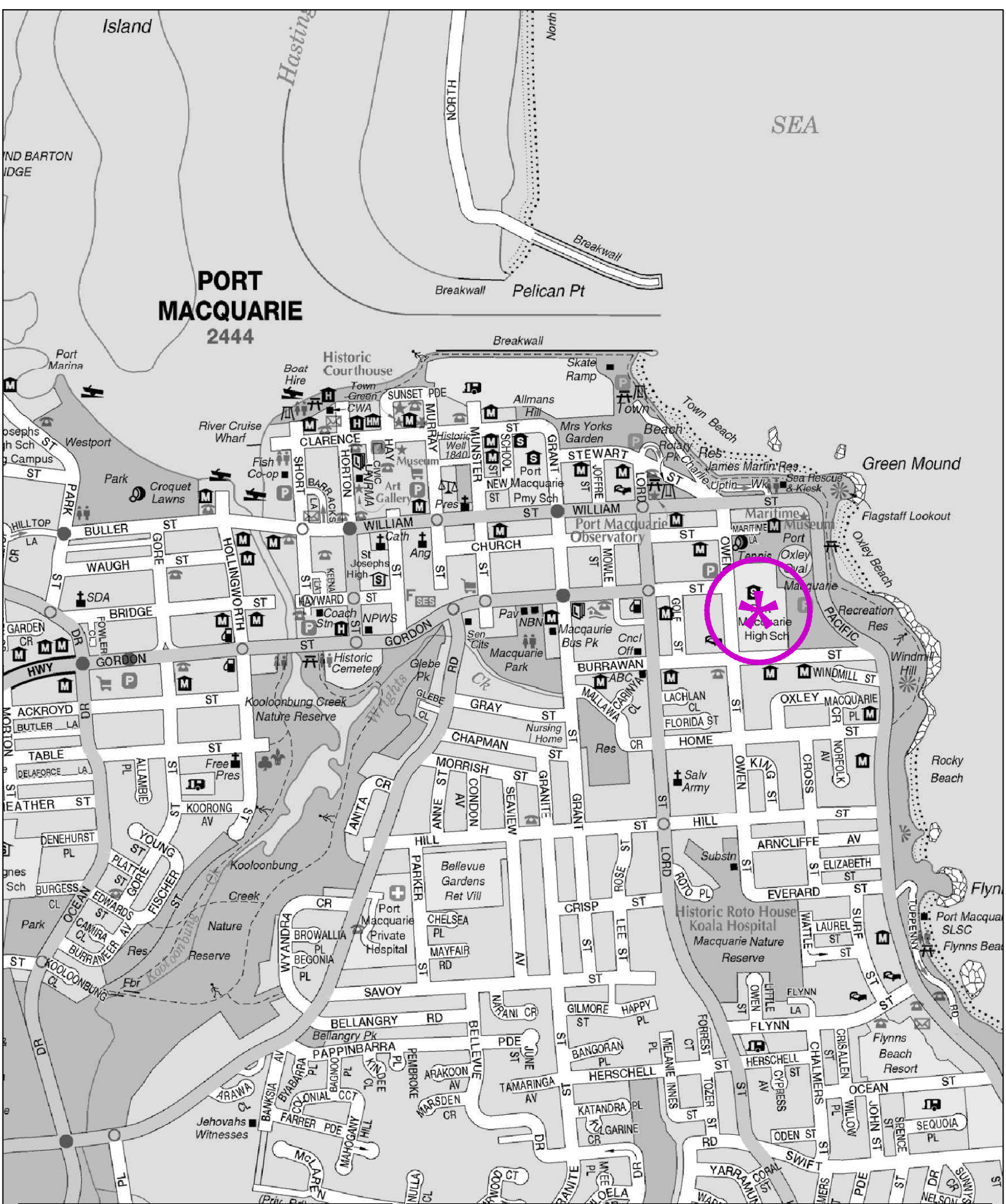
This CTPMSP has been prepared by an engineer who holds the Roads and Maritime Services Prepare a Work Zone Traffic Management Plan accreditation, detailed as follows:

Chenlong You

Certificate No: 0052080417

Expiry Date: 16/07/2022

The CTPMSP has also been reviewed and checked by a suitably qualified and experienced civil (traffic) engineer, Meg Kong, with 14 years of professional experience. Meg has completed CTPMSP for more than 300 sites in NSW.



LOCATION

FIG 1

2.0 Proposed Development

2.1 Site, Context, and Existing Use

The site (Figure 2) is located at 16 Owen Street, Port Macquarie (Lot 111 in DP 1270315), within the Port Macquarie-Hastings Council Local Government Area (LGA).

The site forms a roughly rectangular shape and covers an area of some 3.5ha. The site has frontages along Owen Street, Burrawan Street and Pacific Drive, with the northern boundary adjoining Oxley Oval.

The current surrounding land uses comprise:

- Port Macquarie Bowling Club to the north
- Oxley Oval adjoining to the north
- the residential single two-storey and residential flat properties to the south and west

2.2 Proposed Development

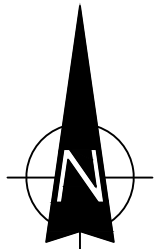
It is proposed to undertake the following upgrades to Hastings Secondary College Port Macquarie Campus:

- demolition works
- upgraded school entry
- construction of a new two-storey Creative and Performing Arts (CAPA) building
- construction of a new Police Citizens Youth Club (PCYC) building
- construction of new Technological & Applied Studies (TAS) building
- partial refurbishment of Building L
- refurbishment and alteration to Building B
- removal of Building S
- refurbishment of Block T for General Learning & Staff Spaces

Transport and Traffic Planning Associates

- removal of demountable buildings
- new lift connections, covered outdoor learning area (COLA) and covered walkways
- associated earthworks, landscaping, stormwater works and service upgrades
- tree removal and tree safety works
- regrade of existing driveway from Burrawan Street

Details of the proposed development scheme are provided on the architectural plans prepared by Francis-Jones Morehen Thorp (fjmt), reproduced in part in Appendix A.



SITE

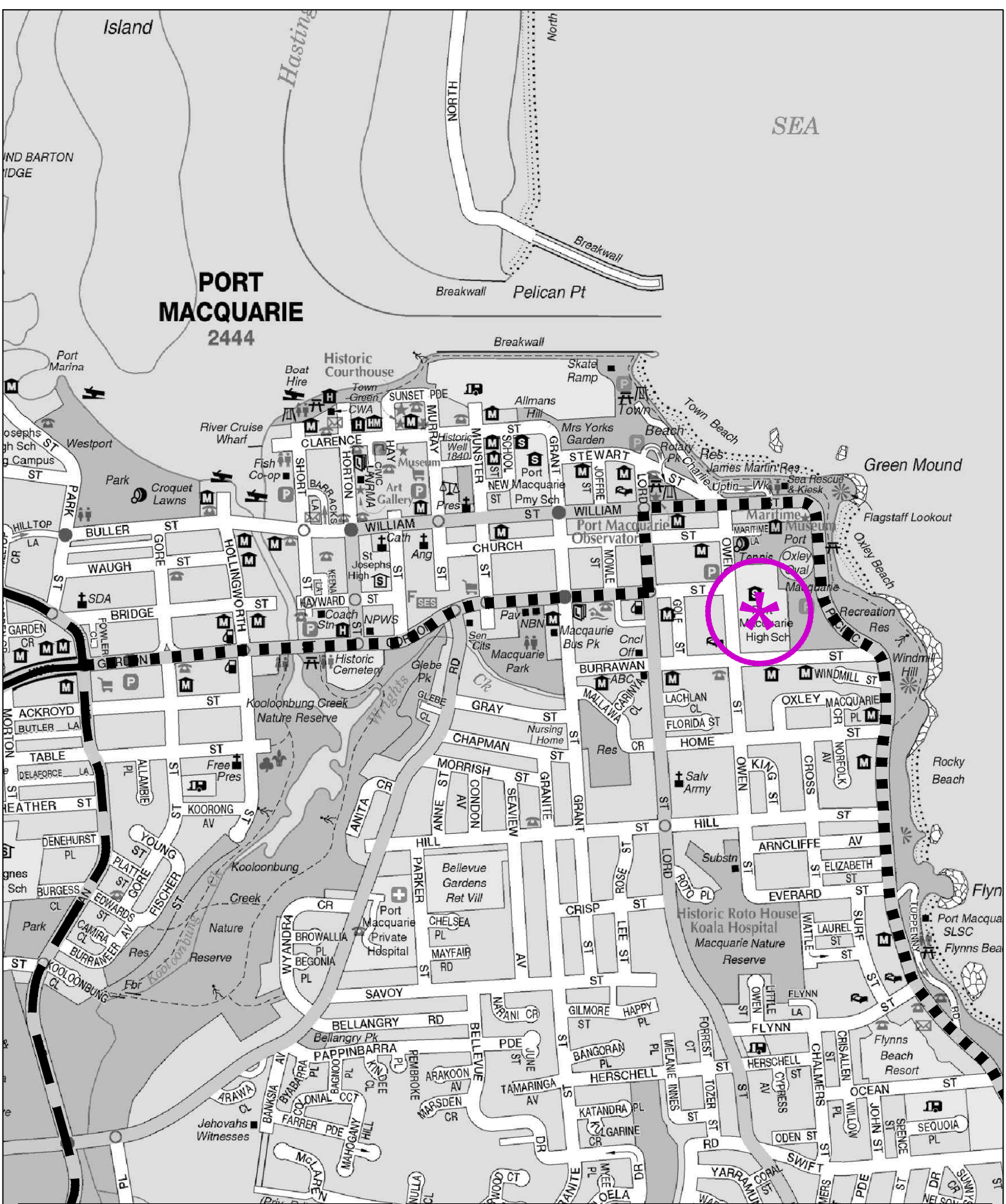
FIG 2

3.0 Existing and Future Road Network and Traffic Conditions

3.1 Existing Road Network

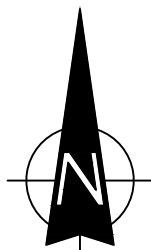
The existing road network (Figure 3) serving the site comprises:

- ❖ *Pacific Highway* – a State Highway (HW 10) and arterial route linking between Sydney and Brisbane. The road generally runs in a north-south direction and has 2 lanes of traffic in each direction.
- ❖ *Oxley Highway* – a State Highway (HW 11) and arterial route located west of the site providing connections from the Pacific Highway to Port Macquarie via Gordon Street. The road generally runs in an east-west direction and has 2 lanes of traffic in each direction.
- ❖ *Hastings River Drive/Ocean Drive* – a sub-arterial route located to the west of the site generally aligned in the north-south direction with 2 lanes of traffic in each direction. The road provides connections between Winery Drive and Dennis Bridge to the north and Pacific Highway to the south.
- ❖ *Pacific Drive* – a collector road generally aligned in the north-south direction along the coastline with 1 lane in each direction connecting William Street to the north and Ocean Drive to the south.
- ❖ *Lord Street* – a local road generally aligned in the north-south direction located to the west of the site. In the vicinity of the site, Lord Street provides 2 lanes in each direction linking Stewart Street and William Street to the north and Kennedy Drive to the south.
- ❖ *Gordon Street* – a collector road generally aligned in an east-west direction located directly to the west of the site. Gordon Street provides 2 lanes in each direction linking Oxley Highway to the west and Owen Street to the east.



LEGEND

- ARTERIAL**
- SUB-ARTERIAL**
- COLLECTOR**



ROAD NETWORK

FIG 3

- ❖ *Owen Street* - a collector road aligned in the north-south direction providing connections between William Street to the north and Everard Street to the south.
- ❖ *Burrawan Street* - a local road aligned in the east-west direction providing connections between Lord Street to the west and Pacific Drive to the east.

3.2 Traffic Controls

The existing traffic controls in the vicinity of the site (Figure 4) include:

- ❖ the traffic control signals along:
 - Gordon Street/Oxley Highway at the intersections with Grant Street, Hastings River Drive/Ocean Drive and Findlay Drive
 - William Street at the intersections with Grant Street and Horton Street
- ❖ the roundabouts along:
 - Gordon Street at the intersections of Lord Street, Munster Street, Lake Road, Horton Street and Hollingworth Street
 - William Street at the intersections of Lord Street, Murray Street and Short Street
- ❖ the 40kmph “High Pedestrian Activity” and School speed zone restrictions on Owen Street between William Street and Burrawan Street
- ❖ the 40kmph School speed zone restriction on
 - William Street between Grant Street and Munster Street
 - Grant Street between Stewart Street and William Street
 - Oxley Highway 250m to the east of the Widderson Street/Oxley Highway intersection
 - Burrawan Street along the school site boundary
- ❖ the 50kmph speed restriction on:
 - Gordon Street between Lord Street and Owen Street

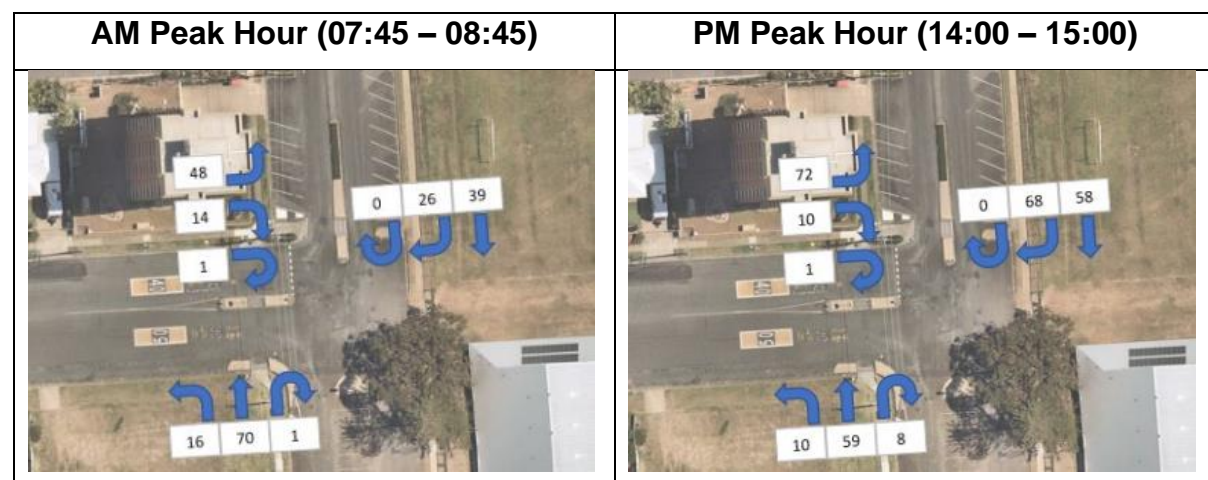
- William Street between Lord Street and Owen Street
 - the surrounding road network, including Burrawan Street (outside of the school zone)
- ❖ the 60kmph speed restriction on Gordon Street between Oxley Highway and Lord Street

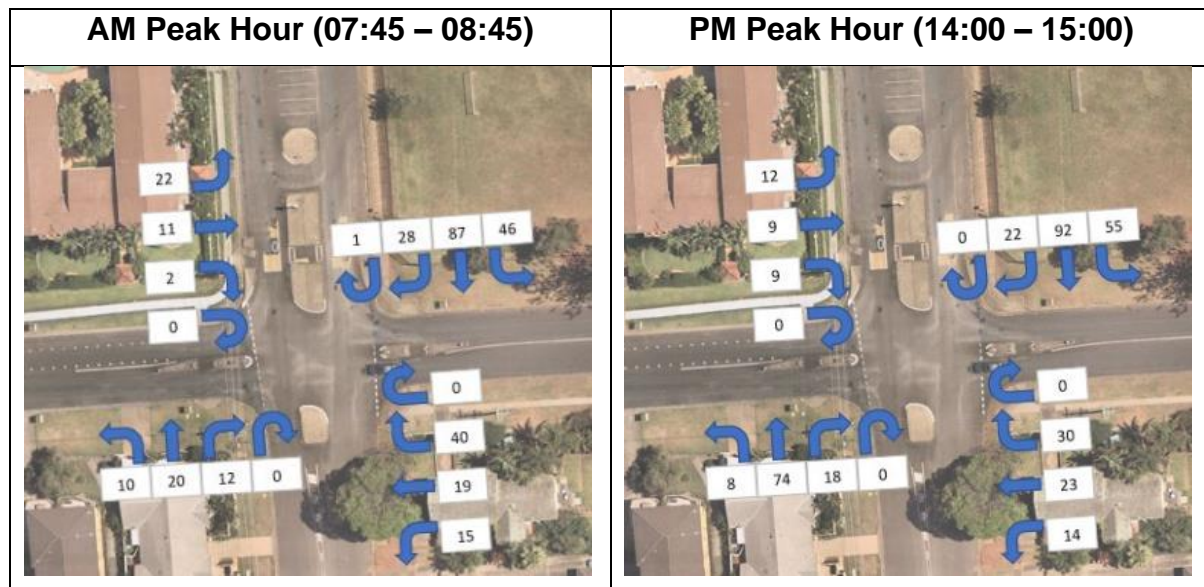
3.3 Parking Controls

- ❖ the unrestricted angled parking along Owen Street between William Street and Gordon Street
- ❖ the unrestricted kerbside parking along the local roads, including Owen Street
- ❖ the unrestricted central median carpark along Owen Street
- ❖ the bus zone and No Parking zone between 7.30 am and 9.00 am and between 1.30 pm and 3.00 pm along the Owen Street site frontage

3.4 Traffic Conditions

TTM, on behalf of Ason Group, carried out AM and PM peak period traffic movement surveys on a weekday on the 3 February 2021 between 7:00 am – 9:00 am and 2:00 pm – 4:00 pm to coincide with the starting and finishing periods of the School. The surveys were undertaken at both the intersections of Owen Street/ Gordon Street and Owen Street/ Burrawan St. The outcomes of the surveys are summarised in the following figure:





The operational performance of the intersections during the weekday AM and PM peak have been assessed by Ason Group as part of the DA traffic report:

	Level of Service	
	AM Peak	PM Peak
Owen Street/ Gordon St	A	A
Owen Street/ Burrawan St	A	A

The traffic modelling indicates the nearby key intersections currently operate satisfactorily at the level of service A during the assessed peak hours.

3.4 Transport Services

Public Bus

The site is within 250 metres (4-minute walk) to the nearby bus stop along Lord Street. These stops are currently serviced by route no. 329, providing services to Settlement City Shopping Centre to Waniora Parkway.

Additional bus stops are located on Lord Street within 600m to the southwest of the site. These stops are serviced by the following routes:

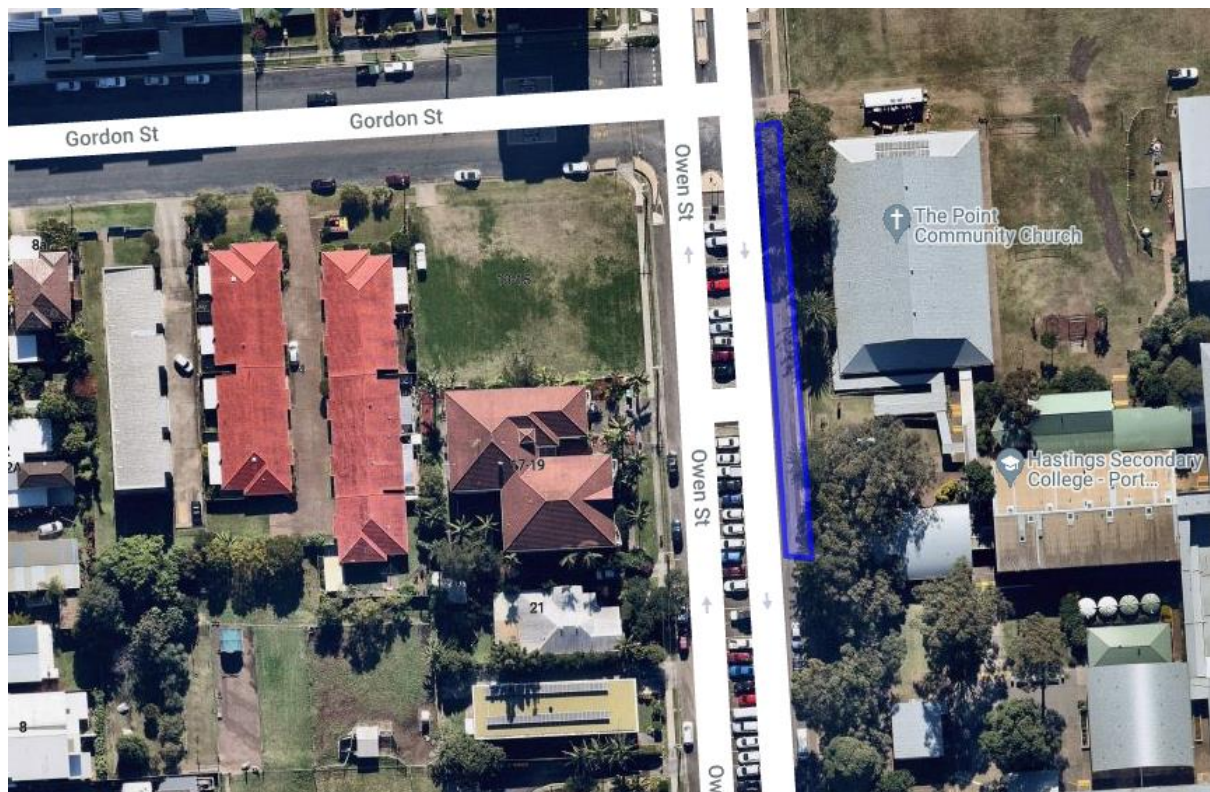
- ❖ 322 - Lighthouse Plaza to Port Macquarie via Shelly Beach

- ❖ 334 - Lighthouse Plaza to Port Macquarie
- ❖ 334K - Kendall to Port Macquarie via Laurieton

Details of the existing transport services are provided in Appendix B.

School Bus

Busways provides for 10 and 13 school bus services during the AM and PM periods, respectively. The AM bus services depart between 6:26 am and 7:43 am, while the PM bus services depart the school between 2.40 pm and 3.17 pm. These buses set down and pick up students from the existing 75m long bus zone on the eastern side of Owen Street, south of Gordon Street. Bus way to be temporarily relocated south by approximately sixty metres



3.5 Walking Facilities

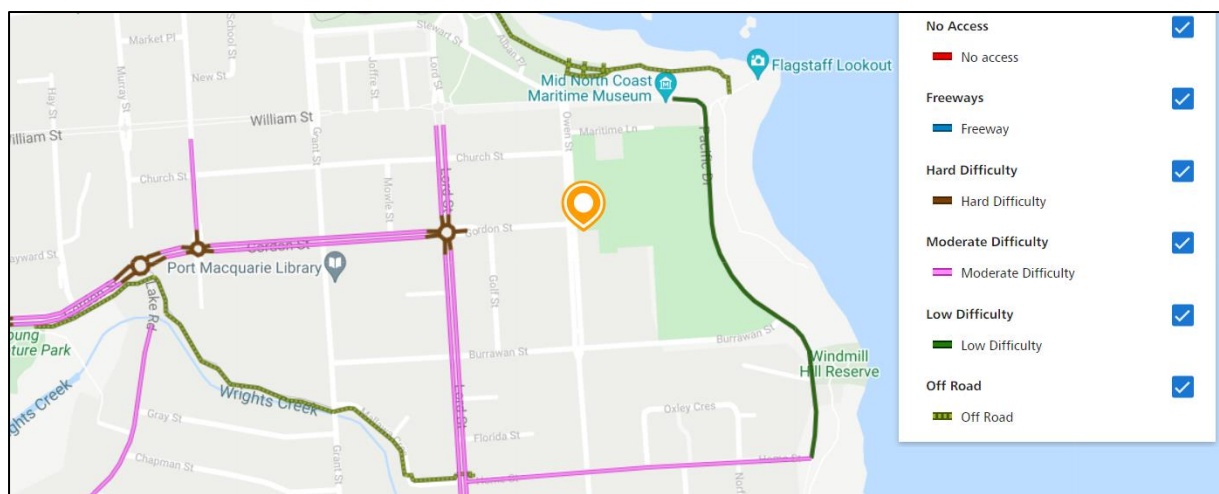
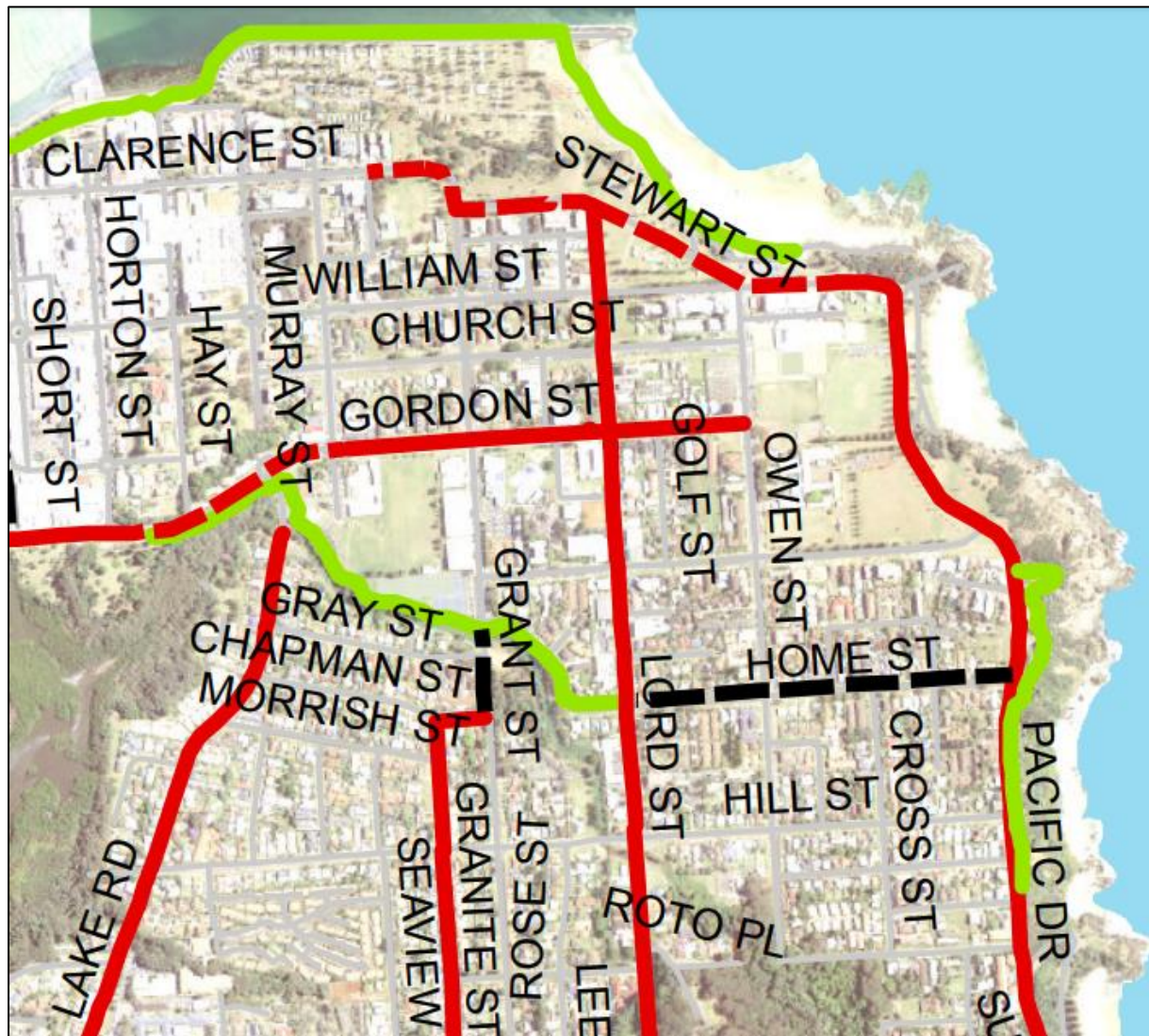
Footpaths are provided on both sides of Owen Street and the southern side of Burrawan Street between Owen Street and the school's gate on the south-eastern corner of the site. The existing pedestrian infrastructure is illustrated in the Pedestrian Access Mobility Plan map shown in the following figure.



3.6 Cycling Facilities

Council provides a number of on- and off-street bike paths, which connect to the regional cycling network. There is currently no cycling infrastructure on Owen Street and Burrawan Street along the site's boundary. The nearest bicycle routes are located

along Lords Street and Gordon Street and Pacific Drive. The existing provision for bicycle paths in the vicinity of the site are shown in the Port Macquarie-Hastings Bike Plan and RMS Cycleway Finder maps.



4.0 Proposed Construction Scheme

4.1 Construction Program

The project is to be carried out over the course of 14 months with the following breakdown:

- Stage 1 (1 month): Site Establishment and Demolition
- Stage 2 (11 months): Construction

4.2 Construction Workers

It is anticipated that there will be an average of 30 workers and a maximum of 60 workers on-site during the construction stage.

Workers will be instructed that at no times will there be parking available on Owen St. All Workers and Personnel associated with the project will be directed to park in the adjacent side streets

Notwithstanding the above, workers will be encouraged at all times to utilise the public transport system which exists in the vicinity of the site or to carpool wherever possible.

A tool drop-off and storage facility would be provided within the site boundary near the site access. This would allow tradespeople to drop off and store their tools and machinery, allowing them to use public transport or carpool to/ from the site on a daily basis.

Workers will also be informed of appropriate tool/ equipment drop-off and storage arrangements made within site sheds and amenities provided on-site. Bus schedules will be provided to all workers during site induction to demonstrate alternative modes of transport available.

Workers will be directed not to use on-street parking in the vicinity of the site (including works zone). FKG would take appropriate action if informed of this activity occurring. This will be incorporated into the site induction program.

4.3 Construction Hours

The hours of construction activity (including the delivery of materials to and from the site) will be:

7 am -6 pm	Monday to Friday
8 am -1 pm	Saturday
No work	Sunday and public holidays

Rock breaking, rock hammering, sheet piling, pile driving and similar activities will be carried out between the following hours:

9 am-12 pm, 2 pm-5 pm	Monday to Friday
9am - 12pm	Saturday

The principal contractor shall ensure that all sub-contractors are aware of the permitted hours of operation and shall ensure that all vehicle activity occurs strictly within the hours stipulated by the Conditions of Consent.

Should any works be required to take place within public roads (in the vicinity of the site), outside these hours, they may be undertaken:

- (a) by the Police or a public authority for the delivery of vehicles, plant or materials; or
- (b) in an emergency to avoid the loss of life, damage to property, or to prevent environmental harm
- (c) where the works are inaudible at the nearest sensitive receivers; or
- (d) where a variation is approved in advance in writing by the Planning Secretary or his nominee if appropriate justification is provided for the works.

Notification of the above construction activities will be provided to affected residents prior to the commencement of the activities or as soon as is practical afterwards.

4.4 Vehicle Site Access

Vehicle access to the construction site is proposed via the existing driveway along Burrawan Street.

4.5 Works Zone

The following works zone would be required to accommodate trucks for the delivery of construction materials/ equipment, as well as any construction-related works that cannot be undertaken on-site:

- Stage 1: 40m works zone on the eastern side of Owen Street north of Burrawan Street

The works zone would not be used for private kerbside parking by builders, tradesmen and visitors associated with the site.

The works zone will be in operation during the following times:

- ❖ Monday to Friday: 9.00 am – 1.30 pm
- ❖ Saturday: 7.00 am – 5.00 pm.

The proposed works zone would occupy the unrestricted parallel parking spaces on Owen Street, maintaining the one-way traffic southbound flow on Owen Street.

A separate application has been made to the Council to organise appropriate approvals for the proposed works zones prior to the start of works, as well as the parking and traffic changes.

4.6 Cranage and Materials Handling

Mobile cranes will be utilised within the site for materials handling. Materials will be loaded/unloaded between the on-site loading area and works zones using forklifts or trolleys (for light materials).

On-site plant, materials handling/storage areas, spoil bin and laydown areas will be located on-site, while the worker sheds and amenities will be located on the south-eastern side of the site.

5.0 Construction Traffic Management Planning

5.1 Vehicle Access and Internal Circulation

The largest vehicle that will use the site access along Burrawan Street and the works zones along Owen Street will be a 19-metre semi. Accesses into the site will be generally left forward-in and right forward-out along Owen Street, with the occasional 19m semis reversing in from Owen Street and right-out on departure.

Sufficient manoeuvring and marshalling areas have been provided on-site to ensure general construction vehicles can enter and exit in a forward direction without marshalling on the public roads.

General construction vehicles entering and exiting the site will be completed under the management of trained on-site personnel.

Major deliveries by semis will reverse into the site under the management of on-site accredited traffic controllers at the site access point.

5.2 Pedestrian Access

Access to the site is provided via security-controlled gates. All personnel entering the site will be required to undertake an induction program.

Pedestrian activities are currently removed from the construction area by the erected hoarding/site fencing.

Trucks entering and leaving site will have a spotter / TC either side of the vehicle gate.

5.3 Construction Vehicles

It is anticipated that the construction works will involve the following heavy vehicle types:

Articulated vehicles	19m
Truck and Dog Trailer	18.1m
Heavy rigid vehicles (HRV)	12.5m
Medium rigid vehicles (HRV)	8.8m
Small rigid vehicles (SRV)	6.4m
Bin trucks	10.2m
Mobile cranes	18.5m
Concrete trucks	8m
Single bogie	10.5m
Concrete pump truck	8.8m
Small utility vehicle/Van	5.2m
Glass lifter (façade installation)	4.3m

Swept path analysis was completed for 12.5m heavy rigid vehicles, 18.1m truck and dog trailers and 19-metre semis expected to access the site and works zones, provided in Appendix C of this report.

5.4 Construction Traffic Haulage Route

Generally, construction vehicles will have origins and destinations from a wide variety of locations throughout the North Coast. However, all construction vehicles will be restricted to the State and Regional Road network. Dedicated construction vehicle routes have been developed with the aim to provide the shortest distances to/from the arterial road network while minimising the impact of construction traffic on streets within the vicinity of the site.

As such, the dedicated construction vehicle routes will use Gordon Street, William Street and Owen Street, with access to/from Oxley Highway and Pacific Highway, as indicated in Figure 5. Truck drivers will be advised of the designated truck routes to/

from the site. No queuing or marshalling of trucks will be permitted on public roads in the vicinity of the site.

5.5 Other General Requirements for Trucks

All vehicles transporting loose materials will be required to ensure the entire load is covered using a tarpaulin or similar impervious material. The vehicle driver will need to take all precautions to prevent any excess dust or dirt particles from depositing onto the roadway during travel to and from the site. Truck shaker grids and wheel wash stations shall be positioned at all entry/exit points. The respective trades will be inducted by the head contractor into the above procedures and will monitor all trucks entering and exiting the site to ensure the procedures are met.

The contractor will be required to monitor the roadways leading to and from the site on a daily basis and take all necessary steps to rectify any adversely impacted road deposits caused by site vehicles. The roads will also be cleaned on a regular basis to minimise dirt particles depositing externally from the site. Such cleaning will occur in the evenings outside of the peak traffic period.

Vehicles traveling to, from and within the site shall not create unreasonable or unnecessary noise or vibration to minimise interference to adjoining building operations. No tracked vehicles will be permitted or required on any paved roads. Public roads and access points will not be obstructed by any materials, vehicles, refuse skips or the like under any circumstances. All deliveries and works will be carried out within the site at the designated works zones/on-site loading areas. If there is a requirement to operate any material handling machinery on public access roads, the contractor will be required to seek separate Council/Police/RMS/Sydney Buses approval prior to the event.

5.6 Occupational Health and Safety

Any workers required to undertake works or traffic control within the public domain should be suitably trained and covered by adequate and appropriate insurances. All

traffic control personnel will be required to hold RMS accreditation in accordance with Section 8 of Traffic Control at Worksites.

5.7 Emergency Vehicle Access

Access to the site and neighbouring sites by emergency vehicles would not be affected by the site, which is within the bounds of the construction site.

Emergency protocols on the site would indicate a requirement for the traffic controller and on-site personnel to assist with emergency access from Owen Street and Burrawan Street. All truck movements to the site and the incident point would be suspended and cleared. Consequently, any potential impacts on emergency access would be effectively managed throughout the works.

The liaison would be maintained with the police and emergency services agencies throughout the construction period, and a 24-hour contact would be made available for 'out-of-hours emergencies and access.

Thus, there would be no adverse impacts on the provision of existing emergency vehicle access to the site or other neighbouring properties as a result of the proposed construction activities.

5.8 Workers' Site Induction

All workers and sub-contractors employed on the site will be required to undertake a formal 'site induction' process prior to the undertaking of any task, and all the inductions will be performed specifically to each trade according to Workplace Health and Safety requirements.

During the conduct of this program, workers will be advised that parking will not be provided on-site. All vehicles associated with the construction activities should be parked wholly within the site and the approved on-street works zones. These vehicles enter the site/works zones prior to stopping. All site staff related to the works are to park in a designated off-street parking area.

Timetables for all bus routes servicing the site will also be provided for the perusal of workers at various locations within the site (e.g., meal rooms).

5.9 Traffic Control Plan

The Traffic Control Plan (TCP) presents the principles of traffic management, with the detailed information for work site operations is contained in the Roads and Maritime Services Traffic Control at Work Sites Technical Manual Version 6.0 dated 14 September 2020. The control of traffic at work sites must be undertaken with reference to Workcover requirements and FKG's Workplace Health and Safety Manuals. The TCP prepared by a Certified Traffic Controller (under RMS regulations) in accordance with Australian Standards 1742.3 are provided in Appendix D.

5.10 Contact Details

The contact details for the day-to-day activities on the site will be:

Steve Ross
Site Manager - Construction
FKG Group
0477 765 640

6.0 Construction Traffic Impact Assessment

6.1 Impact on General Traffic

As articulated in the preceding section, the construction works will involve a variety of construction vehicles ranging between a semi-trailer (which is subject to a separate permit) and a normal utility vehicle. The envisaged construction traffic movements vary from time to time, depending on a range of factors, including:

- Processes
- Weather
- Time of day

Peak vehicle volumes would be in the order of 40 vehicles (80 movements) per day, which would occur outside of peak traffic periods when possible - AM (7.00 am-9.00 am) and PM (1.30 pm-3.00 pm and 4.00 pm to 6 pm) to minimise traffic (bus and traffic flow) impacts and associated road network delays.

Construction truck drivers will be reminded that there should be no idling on and the use of Owen Street and Burrawan Street as marshalling areas.

With the above measures, it is not expected that this level of traffic movement would create any adverse road safety and network efficiency impacts on the surrounding road network and general traffic, cyclists and pedestrians and bus services.

6.2 Impact on Public Transport Services

As indicated in Figure 5, the heavy vehicle haulage routes will largely be limited on arterial and sub-arterial roads, which are designed to accommodate heavy vehicle movements. As such, the impacts on public transport services will be minimal on the approach/departure routes.

Access to/from the bus zones by buses on Owen Street will be maintained at all times.

6.3 Impact on Pedestrians and Cyclists

During construction, pedestrian movements along Owen Street and Burrawan Street will be maintained at all times.

Either of A-Class hoarding and site security fencing will be erected around the perimeter of the site. On-site personnel &/or traffic controllers will be present during construction hours to manage construction vehicle entry and exit and pedestrian movements at the site access, noting that pedestrian priority would be given. Outside of construction hours, gates will be installed to prevent pedestrians from entering the construction site.

Notwithstanding, all construction-related traffic movements within the site will occur under the supervision of on-site personnel &/or traffic controllers, with trucks escorted between the access gate and the road.

Given that there are no cycling routes along the frontage roads of the site, there will be no direct impact on the cyclists.

To minimise disruption to pedestrian and cyclist movements, it is advised that truck movements are managed, wherever possible, to occur outside of peak school and commuting periods.

6.4 Impact on On-Street Parking

The proposed works zones would result in the temporary loss of approximately 10 unrestricted on-street parking spaces on the eastern side of Owen Street.

The removal of the on-street spaces is not anticipated to have an adverse impact on parking in the area due to the availability of other on-street parking at the nearby local roads. The unrestricted parking would be maintained outside the works zone periods.

6.5 Traffic Movements in Adjoining Council Areas

No adverse effects are expected from the movement of heavy vehicles through adjacent council areas.

6.6 Consultation, Communication and Liaison

With the recent social restrictions introduced, School Infrastructure NSW has introduced virtual information sessions for school communities and other stakeholders to continue community engagement throughout all stages of the 190 new and upgraded school projects across NSW, including Hastings Secondary College, Port Macquarie.

The relevant stakeholders and future coordination/liaison requirements will comprise the following:

- the Hastings Secondary College, Port Macquarie students, staff and families
- the surrounding residents
- Port Macquarie-Hastings Council
- Port Macquarie Bowling Club

Following consultation with the stakeholders, construction-related traffic issues would be:

- monitored
- mitigated via the Community Consultation Strategy and regular meetings with key stakeholders held throughout the project.

Furthermore, ongoing communication is also to be undertaken so that the CPTMSP is kept up.

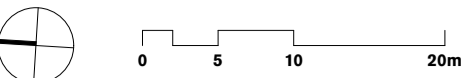
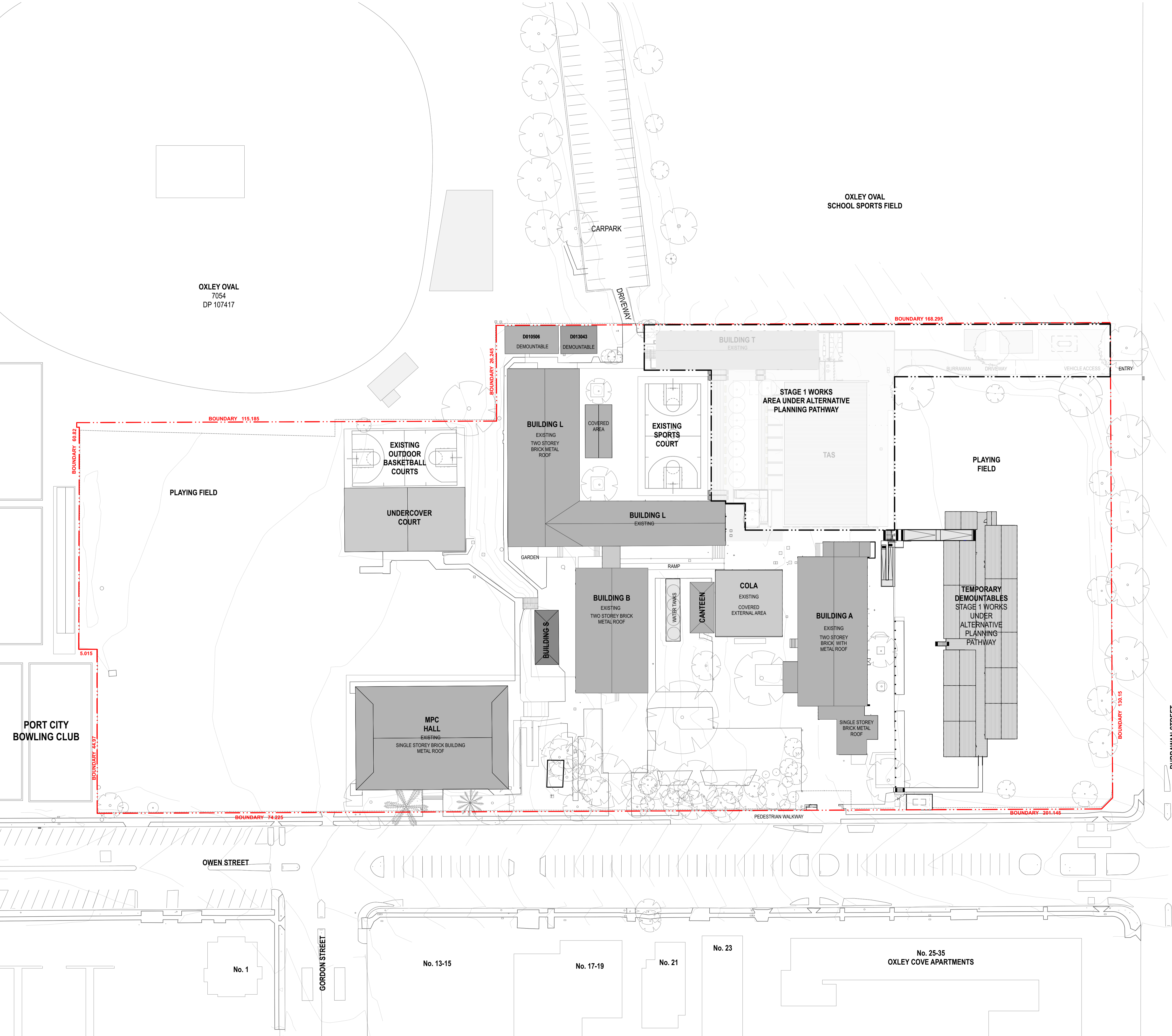
FKG Group would also maintain regular contact with all stakeholders to communicate upcoming works and potential impacts.

6.7 Site Inspections and Record-Keeping

The construction work will be monitored to ensure that it proceeds as set out in the Construction Management Plan provided by FKG Group. A daily inspection before the start of the construction activity should ensure that conditions accord with those stipulated in the plan and there are no potential hazards. Any possible adverse impacts will be recorded and dealt with if they arise.

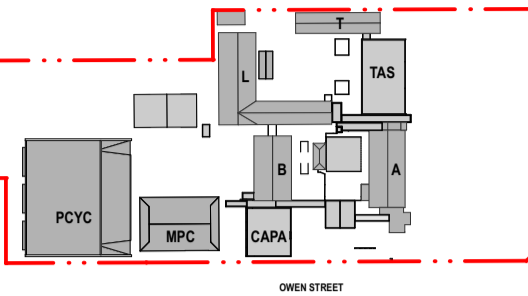
Appendix A

Approved Architectural Plans



- GENERAL NOTES**
- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
 - ALL LEVELS RELATIVE TO AUSTRALIAN HEIGHT DATUM.
 - DO NOT SCALE DRAWINGS.
 - USE FIGURED DIMENSIONS ONLY.

keyplan



legend

- No. 22**
- BOUNDARY LINE
 - AREA UNDER ALTERNATIVE PLANNING PATHWAY

TOTAL SITE AREA = 34518.1m²

No. 24

No. 26

No. 28

No. 32

No. 34

No. 36

05	14/4/21	SSDA	MJ
04	26/3/21	SSDA	KT
03	19/3/21	SSDA - Consultant Background Issue	AD
02	23/2/21	Draft SSDA 02	KT
01	12/2/21	Draft SSDA	MJ
rev	date	name	by
			chk

fjmt studio architecture interiors landscape urban community
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project
Hastings Schools Port Macquarie
Hastings Secondary College
Port Macquarie NSW 2444

title
Site
Site Plan - Existing

scale 1:500 @ A1 first issued 12/2/21

project code sheet no. revision
HSPM SSDA-120000 05

No. 37

No. 42

No. 13-15

No. 17-19

No. 21

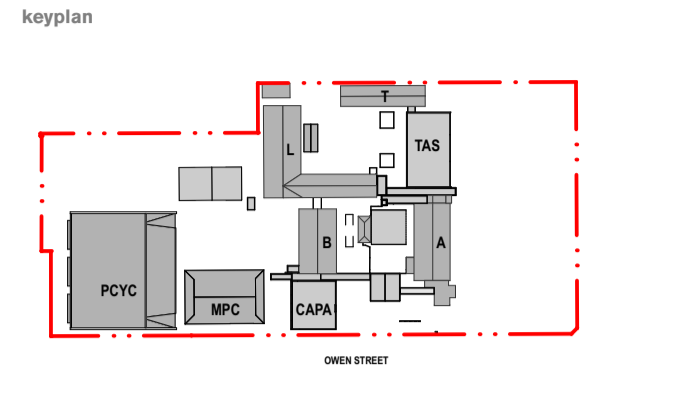
No. 23

No. 25-35
OXLEY COVE APARTMENTS



GENERAL NOTES

- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
- ALL LEVELS RELATIVE TO 'AUSTRALIAN HEIGHT DATUM'.
- DO NOT SCALE DRAWINGS.
- USE FIGURED DIMENSIONS ONLY.



legend

- BOUNDARY LINE
- AREA UNDER ALTERNATIVE PLANNING PATHWAY
- PROPOSED REFURBISHMENT
- NEW CONSTRUCTION
- EXISTING TREES
- PROPOSED TREES

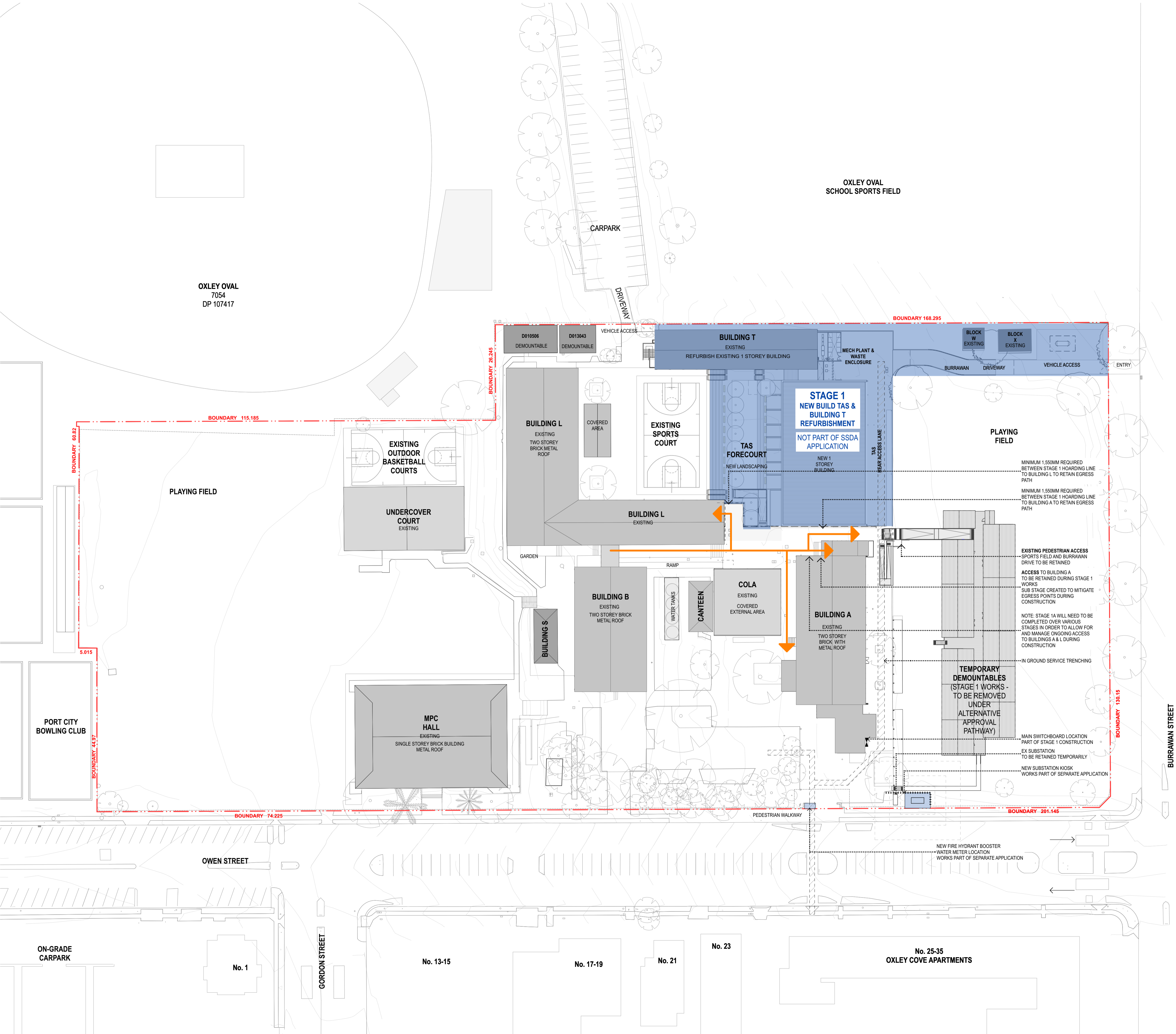
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01	12/2/21	Draft SSDA	MJ
rev	date	name	by
			chk

fjm studio architecture interiors landscape urban community
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project
 Hastings Schools Port Macquarie
 Hastings Secondary College
 Port Macquarie NSW 2444

Site
 Site Plan - Proposed

scale 1:500 @ A1 first issued 12/2/21
 project code sheet no. revision
 HSPM SSDA-120010 05



0510

0510

0510

0510

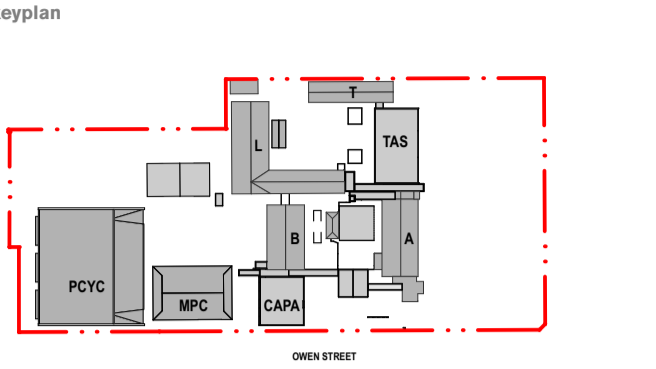
GENERAL NOTES

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

ALL LEVELS RELATIVE TO 'AUSTRALIAN HEIGHT DATUM'.

DO NOT SCALE DRAWINGS.

USE FIGURED DIMENSIONS ONLY.



No. 22

BOUNDARY LINE

STAGING LEGEND

EXISTING EGRESS PATHS TO BE RETAINED DURING CONSTRUCTION

NEW TEMPORARY EGRESS PATH

NEW TEMPORARY EGRESS PATH ZONE

DEMOUNTABLE REMOVED

STAGE 1
(PART OF SEPERATE DEVELOPMENT APPLICATION)

STAGE 2 - CAPA & ENTRY CANOPY

STAGE 3 - BUILDING B REFURBISHMENT & NEW NORTH SOUTH LINK

STAGE 4 - BLOCK L REFURBISHMENT

STAGE 5 - PCYC

No. 24

No. 26

No. 28

NOTES

HOARDING LINE LOCATIONS ARE INDICATIVE ONLY AND ARE LOCATED TO RETAIN ALL EXISTING EGRESS POINTS AS NOTED.

A MINIMUM OF 1.550MM WIDTH IS REQUIRED TO RETAIN EXISTING CONNECTIONS BETWEEN STAGE 5 HOARDING AND EXISTING BUILDINGS.

No. 32

No. 34

No. 36

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03	26/3/21	SSDA	KT	
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rev	date	name	by	chk

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project
Hastings Schools Port Macquarie
Hastings Secondary College
Port Macquarie NSW 2444

title
Staging Plans
Staging Plan Port Macquarie Campus - Stage 1

scale 1:500 @ A1 first issued 12/2/21

project code	sheet no.	revision
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No. 18-20

No. 22

No. 24

No. 26

No. 28

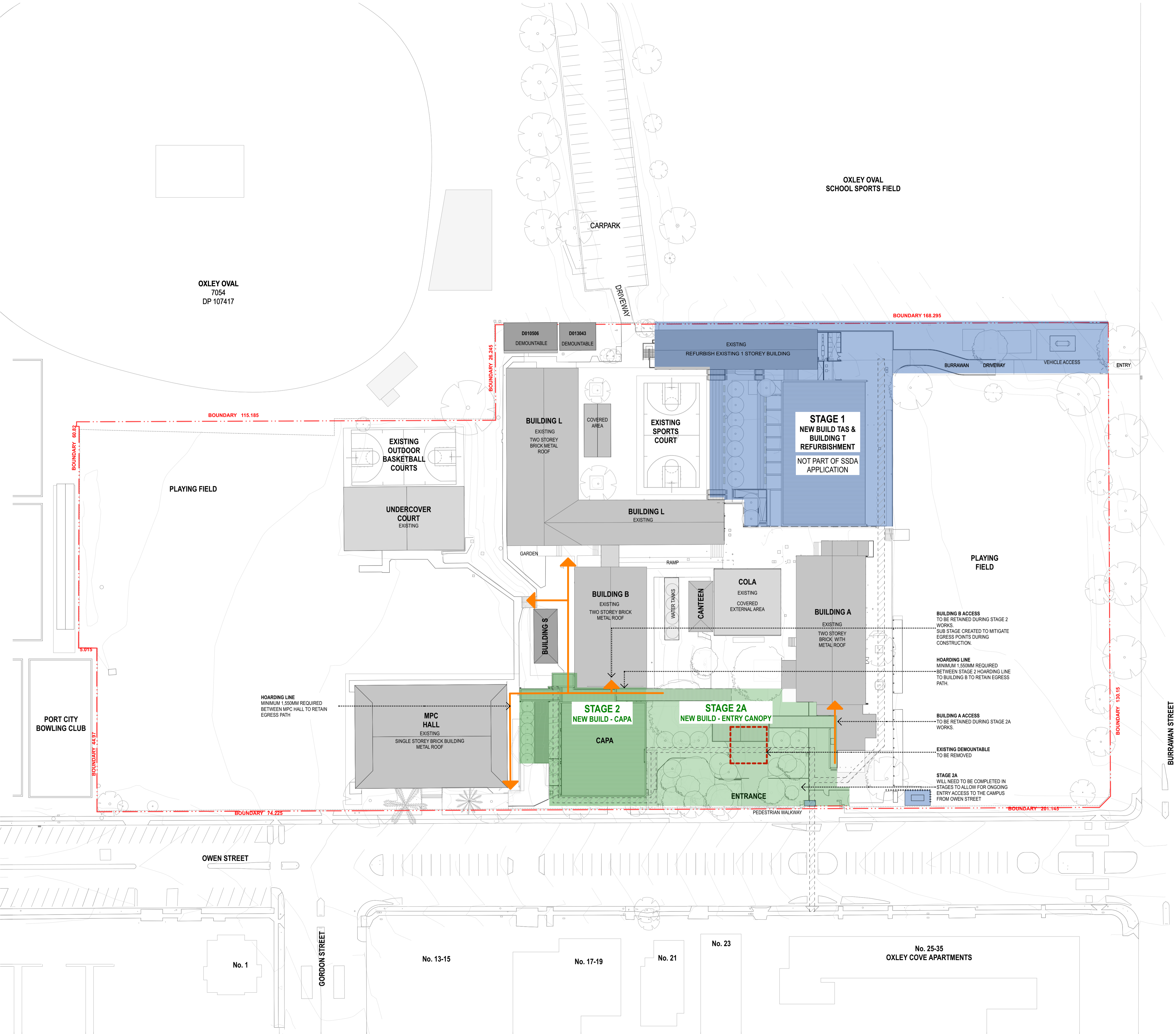
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No. 34

No. 36

No. 37

No. 42



051020

05

10

20m

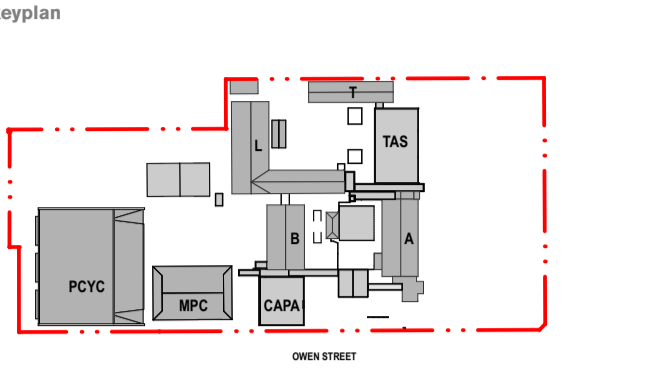
GENERAL NOTES

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

ALL LEVELS RELATIVE TO 'AUSTRALIAN HEIGHT DATUM'.

DO NOT SCALE DRAWINGS.

USE FIGURED DIMENSIONS ONLY.



No. 22

BOUNDARY LINE

STAGING LEGEND

EXISTING EGRESS PATHS TO BE RETAINED DURING CONSTRUCTION

NEW TEMPORARY EGRESS PATH

NEW TEMPORARY EGRESS PATH ZONE

DEMOUNTABLE REMOVED

STAGE 1
(PART OF SEPERATE DEVELOPMENT APPLICATION)

STAGE 2 - CAPA & ENTRY CANOPY

STAGE 3 - BUILDING B REFURBISHMENT & NEW NORTH SOUTH LINK

STAGE 4 - BLOCK L REFURBISHMENT

STAGE 5 - PCYC

NOTES

HOARDING LINE LOCATIONS ARE INDICATIVE ONLY AND ARE LOCATED TO RETAIN ALL EXISTING EGRESS POINTS AS NOTED.

A MINIMUM OF 1.550MM WIDTH IS REQUIRED TO RETAIN EXISTING CONNECTIONS BETWEEN STAGE 5 HOARDING AND EXISTING BUILDINGS.

No. 32

No. 34

No. 36

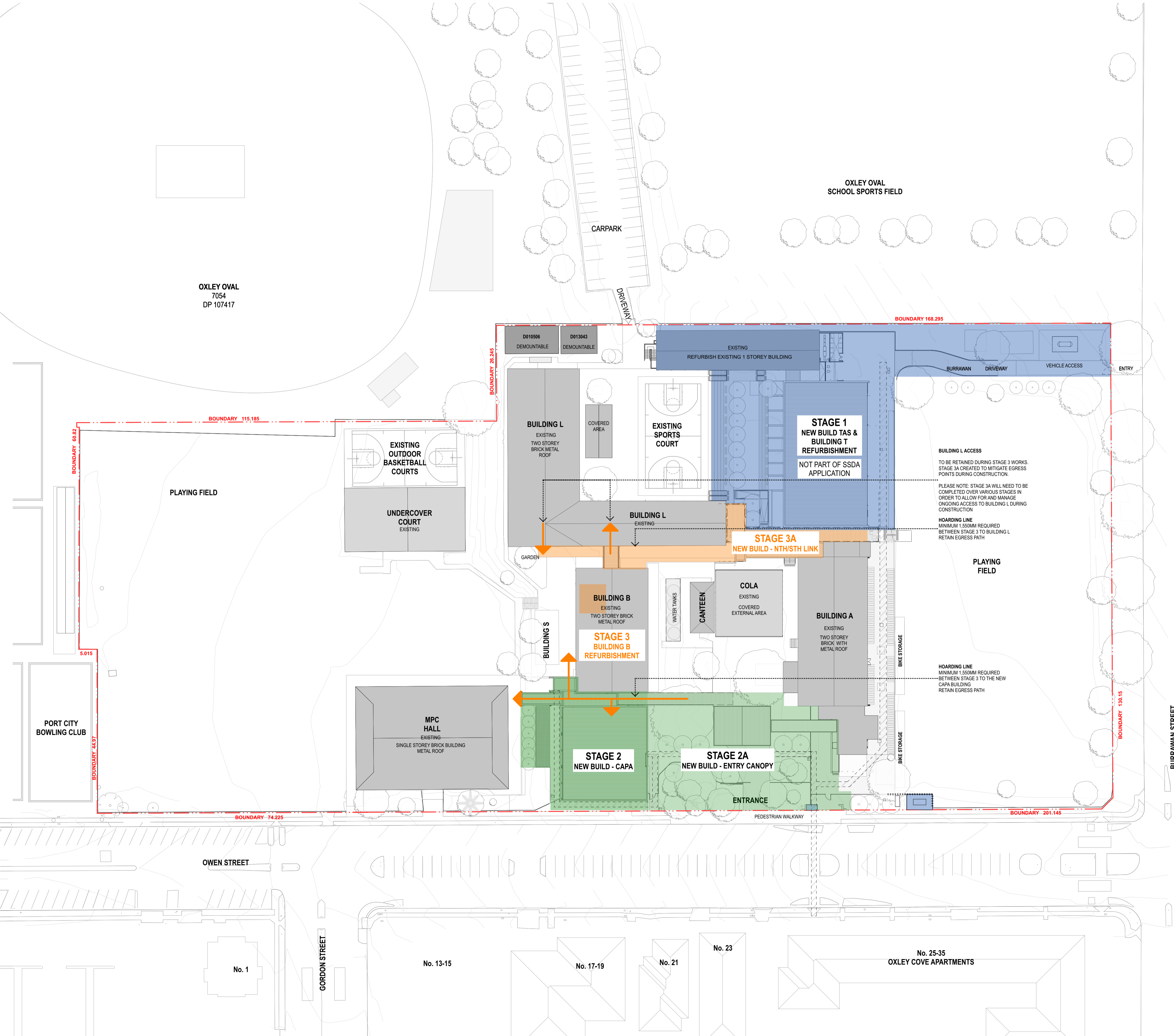
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rev	date	name	by	chk

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project
Hastings Schools Port Macquarie
Hastings Secondary College
Port Macquarie NSW 2444

title
Staging Plans
Staging Plan Port Macquarie Campus -
Stage 2

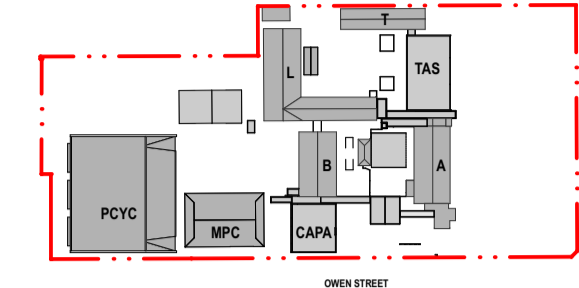
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HSPM	SSDA-121302	04	



GENERAL NOTES

- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
- ALL LEVELS RELATIVE TO 'AUSTRALIAN HEIGHT DATUM'.
- DO NOT SCALE DRAWINGS.
- USE FIGURED DIMENSIONS ONLY.

legend



STAGING LEGEND

- EXISTING EGRESS PATHS TO BE RETAINED DURING CONSTRUCTION
- NEW TEMPORARY EGRESS PATH
- NEW TEMPORARY EGRESS PATH ZONE
- DEMOUNTABLE REMOVED
- STAGE 1 (PART OF SEPERATE DEVELOPMENT APPLICATION)
- STAGE 2 - CAPA & ENTRY CANOPY
- STAGE 3 - BUILDING B REFURBISHMENT & NEW NORTH SOUTH LINK
- STAGE 4 - BLOCK L REFURBISHMENT
- STAGE 5 - PCYC

NOTES

HOARDING LINE LOCATIONS ARE INDICATIVE ONLY AND ARE LOCATED TO RETAIN ALL EXISTING EGRESS POINTS AS NOTED.

A MINIMUM OF 1.550MM WIDTH IS REQUIRED TO RETAIN EXISTING CONNECTIONS BETWEEN STAGE 5 HOARDING AND EXISTING BUILDINGS.

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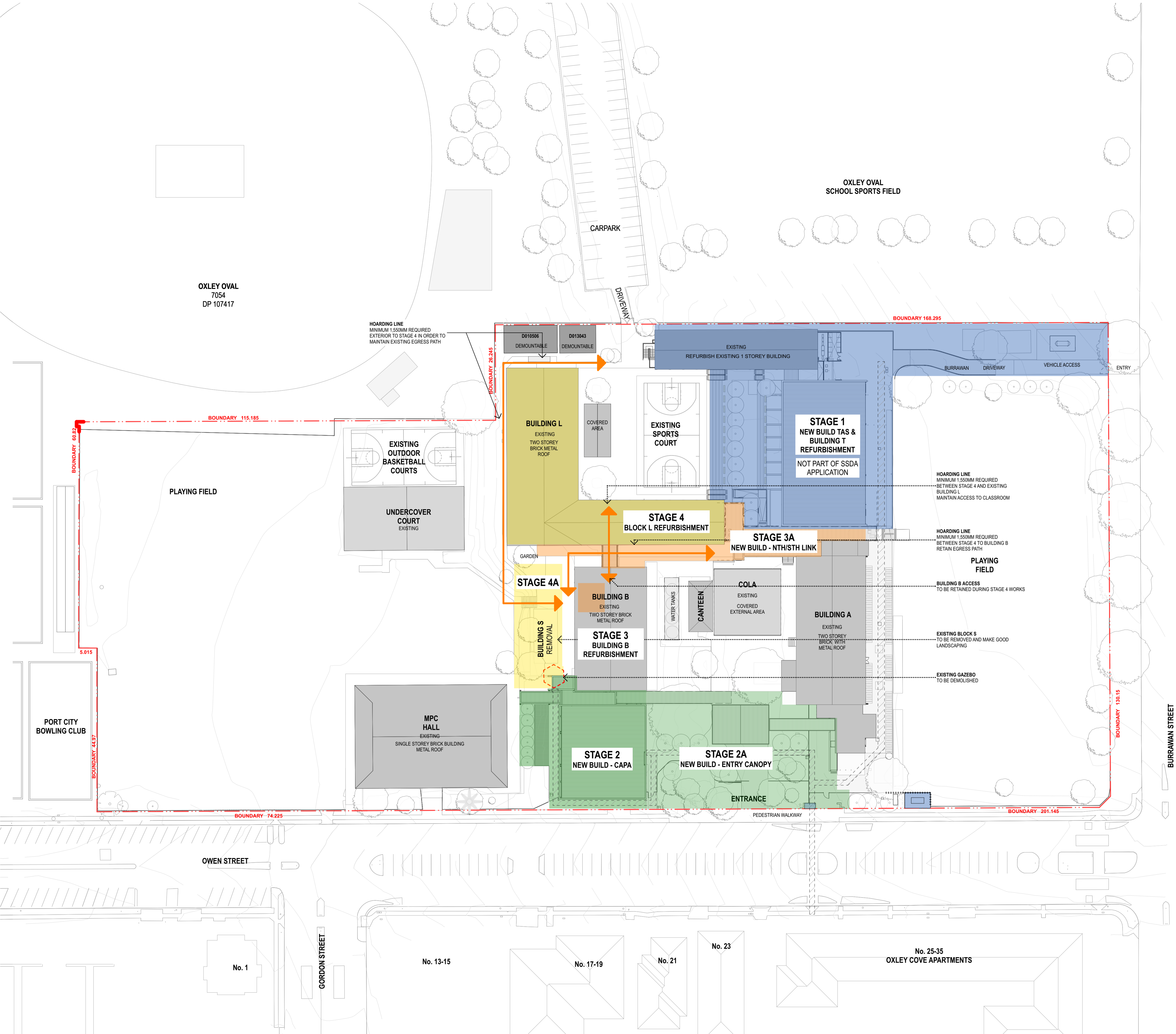
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project
Hastings Schools Port Macquarie
Hastings Secondary College
Port Macquarie NSW 2444

title
Staging Plans
Staging Plan Port Macquarie Campus - Stage 3

scale 1:500 @ A1 first issued 12/2/21

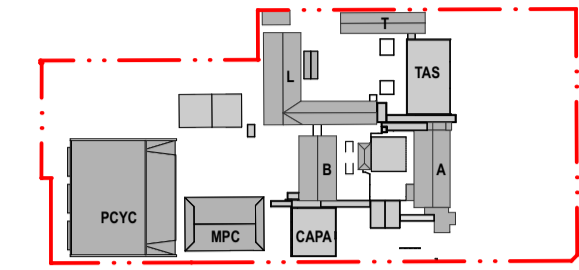
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HSPM	SSDA-121303	04



GENERAL NOTES

- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
- ALL LEVELS RELATIVE TO 'AUSTRALIAN HEIGHT DATUM'.
- DO NOT SCALE DRAWINGS.
- USE FIGURED DIMENSIONS ONLY.

keyplan



legend

BOUNDARY LINE

STAGING LEGEND

- EXISTING EGRESS PATHS TO BE RETAINED DURING CONSTRUCTION
- NEW TEMPORARY EGRESS PATH
- NEW TEMPORARY EGRESS PATH ZONE
- DEMOUNTABLE REMOVED
- STAGE 1 (PART OF SEPERATE DEVELOPMENT APPLICATION)
- STAGE 2 - CAPA & ENTRY CANOPY
- STAGE 3 - BUILDING B REFURBISHMENT & NEW NORTH SOUTH LINK
- STAGE 4 - BLOCK L REFURBISHMENT
- STAGE 5 - PCYC

NOTES

HOARDING LINE LOCATIONS ARE INDICATIVE ONLY AND ARE LOCATED TO RETAIN ALL EXISTING EGRESS POINTS AS NOTED.

A MINIMUM OF 1.550MM WIDTH IS REQUIRED TO RETAIN EXISTING CONNECTIONS BETWEEN STAGE 5 HOARDING AND EXISTING BUILDINGS.

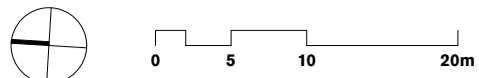
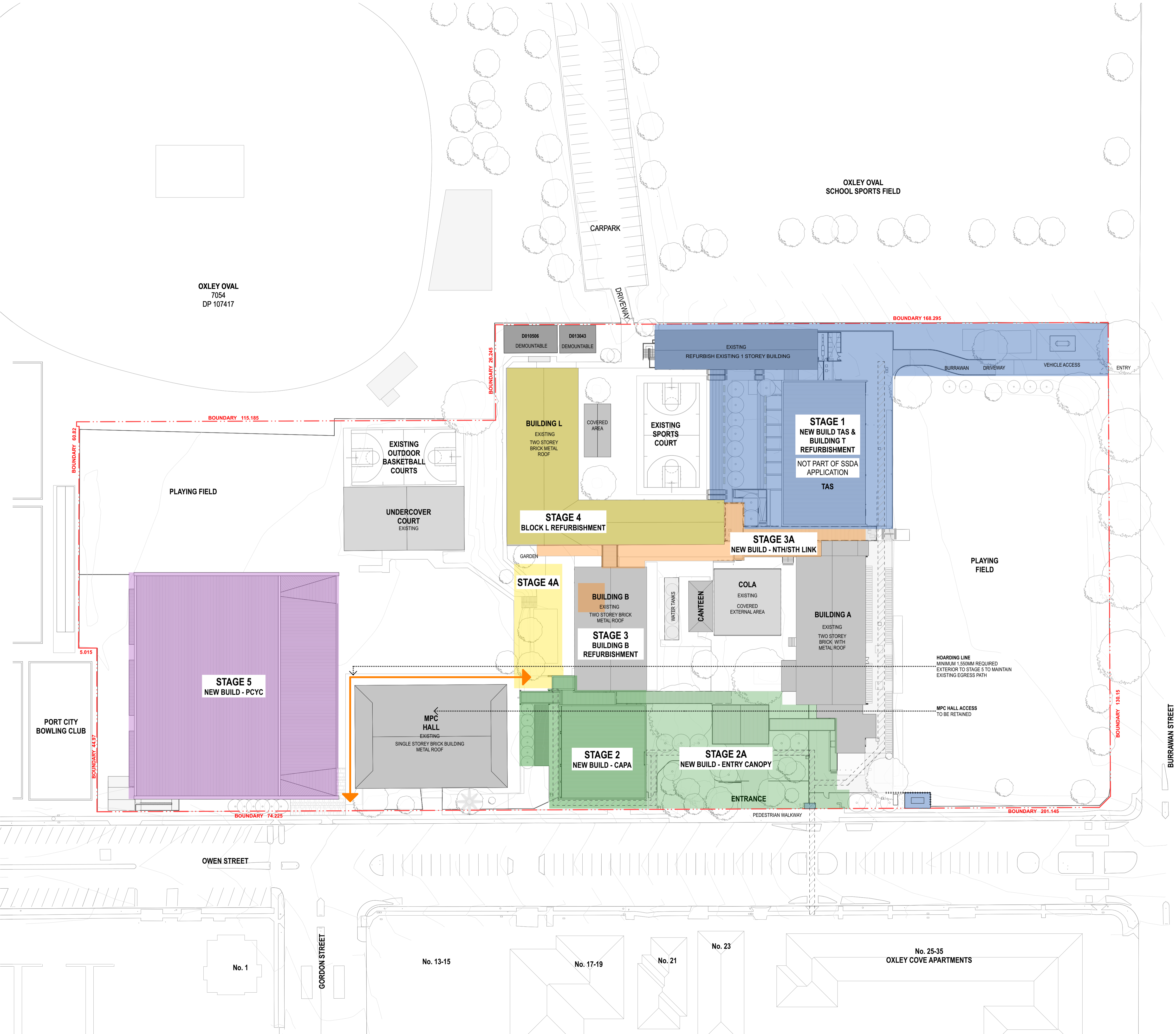
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01	12/2/21	Draft SSDA	MJ	
rev	date	name	by	chk

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project
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Hastings Secondary College
Port Macquarie NSW 2444

title
Staging Plans
Staging Plan Port Macquarie Campus - Stage 4

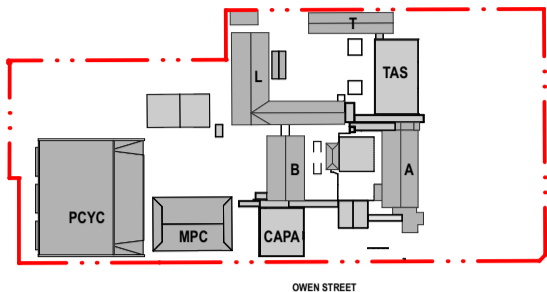
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HSPM	SSDA-121304	04	



GENERAL NOTES

- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
- ALL LEVELS RELATIVE TO 'AUSTRALIAN HEIGHT DATUM'.
- DO NOT SCALE DRAWINGS.
- USE FIGURED DIMENSIONS ONLY.

keyplan



legend

--- BOUNDARY LINE

STAGING LEGEND

EXISTING EGRESS PATHS TO BE RETAINED DURING CONSTRUCTION

NEW TEMPORARY EGRESS PATH

NEW TEMPORARY EGRESS PATH ZONE

DEMOUNTABLE REMOVED

STAGE 1 (PART OF SEPERATE DEVELOPMENT APPLICATION)

STAGE 2 - CAPA & ENTRY CANOPY

STAGE 3 - BUILDING B REFURBISHMENT & NEW NORTH SOUTH LINK

STAGE 4 - BLOCK L REFURBISHMENT

STAGE 5 - PCYC

NOTES

HOARDING LINE LOCATIONS ARE INDICATIVE ONLY AND ARE LOCATED TO RETAIN ALL EXISTING EGRESS POINTS AS NOTED.

A MINIMUM OF 1.550MM WIDTH IS REQUIRED TO RETAIN EXISTING CONNECTIONS BETWEEN STAGE 5 HOARDING AND EXISTING BUILDINGS.

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03	26/3/21	SSDA	KT	
02	23/2/21	Draft SSDA 02	KT	
01	12/2/21	Draft SSDA	MJ	
rev	date	name	by	chk

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Level 5, 70 King Street t +61 2 9251 7077 w firststudio.com

fjmt

project
Hastings Schools Port Macquarie
Hastings Secondary College
Port Macquarie NSW 2444

title
Staging Plans
Staging Plan Port Macquarie Campus - Stage 5

scale 1:500 @ A1 first issued 12/2/21

project code sheet no. revision
HSPM SSDA-121305 04

Appendix B

Public Transport Provisions

322

Lighthouse Plaza to Port Macquarie via Shelly Beach



How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures at transportnsw.info

Trip planning


You can plan your trip using the Trip Planner or Departures at transportnsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- get estimated pick-up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information.

Find the latest apps at transportnsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.


Who is providing my bus services?

The bus services shown in this timetable are run by Busways Port Macquarie.

Fares

Contact Busways Port Macquarie for ticket options. You cannot use Opal on this service.

Explanation of definitions and symbols

	Wheelchair Accessible
H	School Holidays only
S	School Days only
D	Diverts to Oxley Hwy & Widderson St (TAFE and University of Newcastle).
F	Friday only

322

Port Macquarie to Lighthouse Plaza via Shelly Beach



Valid from: 18 Feb 2020

Creation date: 09 July 2021

NOTE: Information is correct on date of download.

Monday to Friday									
Day Restrictions		H	S						
Settlement City Shopping Centre, Port Macquarie	07:18	08:18	08:21	08:48	10:15	11:15	12:15	13:15	14:15
Clarence St before Hay St, Port Macquarie	07:24	08:24	08:28	08:54	10:22	11:22	12:22	13:22	14:22
The Salvation Army Church, Lord St, Port Macquarie	07:26	08:26	08:32	08:56	10:25	11:25	12:25	13:25	14:25
Pacific Dr at Flynn St, Port Macquarie	07:29	08:29	08:35	08:59	10:28	11:28	12:28	13:28	14:28
Pacific Dr after Shelly Beach Rd, Port Macquarie	07:32	08:32	08:38	09:02	10:32	11:32	12:32	13:32	14:32
Bangalay Dr at Burrawong Dr, Port Macquarie	07:35	08:35	08:41	09:05	10:35	11:35	12:35	13:35	14:35
Matthew Flinders Dr at Glen St, Port Macquarie	07:41	08:41	08:47	09:11	10:41	11:41	12:41	13:41	14:41
Light House Plaza, Emerald Dr, Port Macquarie	07:45	08:45	08:51	09:15	10:45	11:45	12:45	13:45	14:45

Monday to Friday									
Day Restrictions		H	S						F
Settlement City Shopping Centre, Port Macquarie	15:15	15:23	16:15	17:15	18:15	19:15	20:15	21:15	22:15
Clarence St before Hay St, Port Macquarie	15:22	15:32	16:22	17:22	18:21	19:21	20:21	21:21	22:21
The Salvation Army Church, Lord St, Port Macquarie	15:25	15:35	16:25	17:25	18:23	19:23	20:23	21:23	22:23
Pacific Dr at Flynn St, Port Macquarie	15:28	15:38	16:28	17:28	18:26	19:26	20:26	21:26	22:26
Pacific Dr after Shelly Beach Rd, Port Macquarie	15:32	15:42	16:32	17:32	18:29	19:29	20:29	21:29	22:29
Bangalay Dr at Burrawong Dr, Port Macquarie	15:36	15:45	16:36	17:36	18:32	19:32	20:32	21:32	22:32
Matthew Flinders Dr at Glen St, Port Macquarie	15:42	15:51	16:42	17:42	18:38	19:38	20:38	21:38	22:38
Light House Plaza, Emerald Dr, Port Macquarie	15:47	15:55	16:47	17:47	18:46	19:46	20:46	21:46	22:46

Saturday									
Settlement City Shopping Centre, Port Macquarie	08:15	09:15	10:15	11:15	12:15	13:15	14:15	15:15	16:15
Clarence St before Hay St, Port Macquarie	08:22	09:22	10:22	11:22	12:22	13:22	14:22	15:22	16:22
The Salvation Army Church, Lord St, Port Macquarie	08:26	09:26	10:26	11:26	12:26	13:26	14:26	15:26	16:26
Pacific Dr at Flynn St, Port Macquarie	08:29	09:29	10:29	11:29	12:29	13:29	14:29	15:29	16:29
Pacific Dr after Shelly Beach Rd, Port Macquarie	08:32	09:32	10:32	11:32	12:32	13:32	14:32	15:32	16:32
Bangalay Dr at Burrawong Dr, Port Macquarie	08:35	09:35	10:35	11:35	12:35	13:35	14:35	15:35	16:35
Matthew Flinders Dr at Glen St, Port Macquarie	08:41	09:41	10:41	11:41	12:41	13:41	14:41	15:41	16:41
Light House Plaza, Emerald Dr, Port Macquarie	08:45	09:45	10:45	11:45	12:45	13:45	14:45	15:45	16:45

Saturday									
Settlement City Shopping Centre, Port Macquarie	17:15	18:15	19:15	20:15	21:15	22:15			
Clarence St before Hay St, Port Macquarie	17:22	18:21	19:21	20:21	21:21	22:21			
The Salvation Army Church, Lord St, Port Macquarie	17:26	18:23	19:23	20:23	21:23	22:23			
Pacific Dr at Flynn St, Port Macquarie	17:29	18:26	19:26	20:26	21:26	22:26			
Pacific Dr after Shelly Beach Rd, Port Macquarie	17:32	18:29	19:29	20:29	21:29	22:29			
Bangalay Dr at Burrawong Dr, Port Macquarie	17:35	18:32	19:32	20:32	21:32	22:32			
Matthew Flinders Dr at Glen St, Port Macquarie	17:41	18:38	19:38	20:38	21:38	22:38			
Light House Plaza, Emerald Dr, Port Macquarie	17:45	18:46	19:46	20:46	21:46	22:46			

Sunday & Public Holidays									
Settlement City Shopping Centre, Port Macquarie	08:17	09:17	10:17	11:17	12:17	13:17	14:17	15:17	16:17
Clarence St before Hay St, Port Macquarie	08:23	09:23	10:23	11:23	12:23	13:23	14:23	15:23	16:23
The Salvation Army Church, Lord St, Port Macquarie	08:25	09:25	10:25	11:25	12:25	13:25	14:25	15:25	16:25
Pacific Dr at Flynn St, Port Macquarie	08:28	09:28	10:28	11:28	12:28	13:28	14:28	15:28	16:28
Pacific Dr after Shelly Beach Rd, Port Macquarie	08:31	09:31	10:31	11:31	12:31	13:31	14:31	15:31	16:31
Bangalay Dr at Burrawong Dr, Port Macquarie	08:34	09:34	10:34	11:34	12:34	13:34	14:34	15:34	16:34
Matthew Flinders Dr at Glen St, Port Macquarie	08:40	09:40	10:40	11:40	12:40	13:40	14:40	15:40	16:40
Light House Plaza, Emerald Dr, Port Macquarie	08:44	09:44	10:44	11:44	12:44	13:44	14:44	15:44	16:47

322

Port Macquarie to Lighthouse Plaza via Shelly Beach



Sunday & Public Holidays



Settlement City Shopping Centre, Port Macquarie	18:17
Clarence St before Hay St, Port Macquarie	18:23
The Salvation Army Church, Lord St, Port Macquarie	18:25
Pacific Dr at Flynn St, Port Macquarie	18:28
Pacific Dr after Shelly Beach Rd, Port Macquarie	18:31
Bangalay Dr at Burrawong Dr, Port Macquarie	18:34
Matthew Flinders Dr at Glen St, Port Macquarie	18:40
Light House Plaza, Emerald Dr, Port Macquarie	18:47

322

Lighthouse Plaza to Port Macquarie via Shelly Beach



Monday to Friday

Day Restrictions									
			S	H					
Light House Plaza, Emerald Dr, Port Macquarie	06:56	07:23	07:43	07:48	08:16	08:54	09:24	09:54	10:54
Matthew Flinders Dr at Glen St, Port Macquarie	06:58	07:25	07:47	07:52	08:20	08:57	09:27	09:57	10:57
Bangalay Dr at Burrawong Dr, Port Macquarie	07:03	07:30	07:53	07:58	08:26	09:03	09:33	10:03	11:03
Pacific Dr after Shelly Beach Rd, Port Macquarie	07:07	07:34	07:57	08:02	08:30	09:07	09:37	10:07	11:07
Pacific Dr before Flynn St, Port Macquarie	07:11	07:38	08:02	08:07	08:35	09:11	09:41	10:11	11:11
Lord St after Hill St, Port Macquarie	07:15	07:42	08:07	08:12	08:40	09:15	09:45	10:15	11:15
Clarence St after Hay St, Port Macquarie	07:19	07:46	08:13	08:18	08:49	09:19	09:49	10:19	11:19
Settlement City Shopping Centre, Port Macquarie	07:32	08:05	08:26	08:31	08:57	09:27	09:57	10:32	11:27

Monday to Friday

Light House Plaza, Emerald Dr, Port Macquarie	11:54	12:54	13:54	14:51	15:56	16:56	17:56	18:56	
Matthew Flinders Dr at Glen St, Port Macquarie	11:57	12:57	13:57	14:54	15:58	16:58	17:58	18:58	
Bangalay Dr at Burrawong Dr, Port Macquarie	12:03	13:03	14:03	15:00	16:03	17:03	18:03	19:03	
Pacific Dr after Shelly Beach Rd, Port Macquarie	12:07	13:07	14:07	15:04	16:07	17:07	18:07	19:07	
Pacific Dr before Flynn St, Port Macquarie	12:11	13:11	14:11	15:08	16:11	17:11	18:11	19:11	
Lord St after Hill St, Port Macquarie	12:15	13:15	14:15	15:12	16:15	17:15	18:15	19:15	
Clarence St after Hay St, Port Macquarie	12:19	13:19	14:19	15:19	16:19	17:19	18:19	19:19	
Settlement City Shopping Centre, Port Macquarie	12:32	13:32	14:32	15:32	16:34	17:33	18:33	19:27	

Saturday

Light House Plaza, Emerald Dr, Port Macquarie	07:54	08:54	09:54	10:54	11:54	12:54	13:54	14:54	15:54
Matthew Flinders Dr at Glen St, Port Macquarie	07:57	08:57	09:57	10:57	11:57	12:57	13:57	14:57	15:57
Bangalay Dr at Burrawong Dr, Port Macquarie	08:03	09:03	10:03	11:03	12:03	13:03	14:03	15:03	16:03
Pacific Dr after Shelly Beach Rd, Port Macquarie	08:07	09:07	10:07	11:07	12:07	13:07	14:07	15:07	16:07
Pacific Dr before Flynn St, Port Macquarie	08:11	09:11	10:11	11:11	12:11	13:11	14:11	15:11	16:11
Lord St after Hill St, Port Macquarie	08:15	09:15	10:15	11:15	12:15	13:15	14:15	15:15	16:15
Clarence St after Hay St, Port Macquarie	08:19	09:19	10:19	11:19	12:19	13:19	14:19	15:19	16:19
Settlement City Shopping Centre, Port Macquarie	08:32	09:27	10:32	11:27	12:32	13:32	14:32	15:32	16:32

Saturday

Light House Plaza, Emerald Dr, Port Macquarie	16:54
Matthew Flinders Dr at Glen St, Port Macquarie	16:57
Bangalay Dr at Burrawong Dr, Port Macquarie	17:03
Pacific Dr after Shelly Beach Rd, Port Macquarie	17:07
Pacific Dr before Flynn St, Port Macquarie	17:11
Lord St after Hill St, Port Macquarie	17:15
Clarence St after Hay St, Port Macquarie	17:19
Settlement City Shopping Centre, Port Macquarie	17:32

Sunday & Public Holidays

Light House Plaza, Emerald Dr, Port Macquarie	08:49	09:49	10:49	11:49	12:49	13:49	14:49	15:49
Matthew Flinders Dr at Glen St, Port Macquarie	08:51	09:51	10:51	11:51	12:51	13:51	14:51	15:51
Bangalay Dr at Burrawong Dr, Port Macquarie	08:56	09:56	10:56	11:56	12:56	13:56	14:56	15:56
Pacific Dr after Shelly Beach Rd, Port Macquarie	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00
Pacific Dr before Flynn St, Port Macquarie	09:04	10:04	11:04	12:04	13:04	14:04	15:04	16:04
Lord St after Hill St, Port Macquarie	09:08	10:08	11:08	12:08	13:08	14:08	15:08	16:08
Clarence St after Hay St, Port Macquarie	09:12	10:12	11:12	12:12	13:12	14:12	15:12	16:12
Settlement City Shopping Centre, Port Macquarie	09:25	10:20	11:25	12:20	13:25	14:20	15:25	16:20

329

Settlement City Shopping Centre to Waniora Pkwy at Koala St (Loop Service)



How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures at **transportnsw.info**

Trip planning


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The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- get estimated pick-up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information.

Find the latest apps at **transportnsw.info/apps**

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Busways Port Macquarie.

329

Settlement City Shopping Centre to Waniora Pkwy at Koala St (Loop Service)



Valid from: 24 Feb 2020

Creation date: 09 July 2021

NOTE: Information is correct on date of download.

Monday to Friday

Settlement City Shopping Centre, Port Macquarie	-	14:05
Clarence St before Hay St, Port Macquarie	-	14:15
Yarranabee Rd at Teraglin Rd, Port Macquarie	10:32	14:22
Waniora Pkwy at Koala St, Port Macquarie	10:34	14:24
Tasman Rd at Mitchell Cct, Port Macquarie	10:36	14:26
Bowden Rd opp Cattle Brook Rd, Port Macquarie	10:38	14:28
Granite St after Bellevue Dr, Port Macquarie	10:40	14:30
Lake Rd opp Port Macquarie Private Hospital, Port Macquarie	10:44	14:34
Hayward St at Keena La, Port Macquarie	10:48	14:40
Settlement City Shopping Centre, Port Macquarie	10:58	14:50

334K

Kendall to Port Macquarie via Laurieton



How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

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Who is providing my bus services?

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Fares

Contact Busways Port Macquarie for ticket options. You cannot use Opal on this service.

Explanation of definitions and symbols



Wheelchair Accessible

R

Diverts on Request

S

School Days only

H

School Holidays only

Q

Bus extends to Laurieton on request only.

334K

Port Macquarie to Kendall via Laurieton



Valid from: 19 July 2020

Creation date: 09 July 2021

NOTE: Information is correct on date of download.

Monday to Friday									
Day Restrictions						S	H		
Settlement City Shopping Centre, Port Macquarie	05:58	08:26	10:24	12:24	14:24	15:24	15:24	16:24	17:24
Clarence St before Hay St, Port Macquarie	06:04	08:35	10:33	12:33	14:36	15:34	15:33	16:33	17:33
Port Macquarie Private Hospital, Lake Rd, Port Macquarie	06:07	08:38	10:36	12:36	14:39	15:38	15:36	16:36	17:36
Lord St after Hill St, Port Macquarie	06:10	08:41	10:40	12:40	14:42	15:41	15:40	16:40	17:40
Kennedy Dr after Allunga Ave, Port Macquarie	06:13	08:44	10:43	12:43	14:46	15:43	15:43	16:43	17:43
Livingstone Rd before Wiruna Rd, Port Macquarie	06:17	08:48	10:47	12:47	14:50	15:48	15:48	16:48	17:48
Ocean Dr at Matthew Flinders Dr, Port Macquarie	06:22	08:53	10:52	12:52	14:55	15:51	15:54	16:54	17:54
Ocean Dr opp Lake Cathie Village Centre, Lake Cathie	06:29	09:01	11:00	13:00	15:03	16:02	16:02	17:02	18:02
Ocean Dr opp Graham St, Bonny Hills	06:36	09:09	11:08	13:08	15:10	16:10	16:10	17:10	18:10
The Parade opp North Haven Bowling Club, North Haven	06:44	09:18	11:17	13:17	15:17	16:19	16:19	17:19	18:19
Bold St before Tunis St, Laurieton	06:51	09:25	11:25	13:25	15:25	16:27	16:27	17:27	18:27
Ocean Dr before Captain Cook Bicentennial Dr, West Haven	06:54	09:28	11:28	13:28	15:29	16:30	16:30	17:30	18:30
Lakewood Shopping Centre, Sirius Dr, Lakewood	06:57	09:32	11:32	13:32	15:33	16:34	16:34	17:34	18:34
Kendall Station, Kendall	R07:05	R09:41	—	—	—	—	—	R17:43	—
Comboyne St opp Kendall War Memorial, Kendall	07:07	09:43	11:43	13:43	15:48	16:47	16:45	17:45	18:45

Monday to Friday	
Settlement City Shopping Centre, Port Macquarie	19:24
Clarence St before Hay St, Port Macquarie	19:33
Port Macquarie Private Hospital, Lake Rd, Port Macquarie	19:36
Lord St after Hill St, Port Macquarie	19:40
Kennedy Dr after Allunga Ave, Port Macquarie	19:43
Livingstone Rd before Wiruna Rd, Port Macquarie	19:47
Ocean Dr at Matthew Flinders Dr, Port Macquarie	19:52
Ocean Dr opp Lake Cathie Village Centre, Lake Cathie	20:00
Ocean Dr opp Graham St, Bonny Hills	20:08
The Parade opp North Haven Bowling Club, North Haven	20:17
Bold St before Tunis St, Laurieton	20:25
Ocean Dr before Captain Cook Bicentennial Dr, West Haven	20:28
Lakewood Shopping Centre, Sirius Dr, Lakewood	20:32
Kendall Station, Kendall	20:41
Comboyne St opp Kendall War Memorial, Kendall	20:43

334K**Port Macquarie to Kendall via
Laurieton****Saturday**

Settlement City Shopping Centre, Port Macquarie	07:24	10:24	12:24	15:24	17:24	19:24
Clarence St before Hay St, Port Macquarie	07:33	10:33	12:33	15:33	17:33	19:33
Port Macquarie Private Hospital, Lake Rd, Port Macquarie	07:36	10:36	12:36	15:36	17:36	19:36
Lord St after Hill St, Port Macquarie	07:40	10:40	12:40	15:40	17:40	19:40
Kennedy Dr after Allunga Ave, Port Macquarie	07:43	10:43	12:43	15:43	17:43	19:43
Livingstone Rd before Wiruna Rd, Port Macquarie	07:47	10:47	12:47	15:47	17:47	19:47
Ocean Dr at Matthew Flinders Dr, Port Macquarie	07:52	10:52	12:52	15:52	17:52	19:52
Ocean Dr opp Lake Cathie Village Centre, Lake Cathie	08:00	11:00	13:00	16:00	18:00	20:00
Ocean Dr opp Graham St, Bonny Hills	08:08	11:08	13:08	16:08	18:08	20:08
The Parade opp North Haven Bowling Club, North Haven	08:17	11:17	13:17	16:17	18:17	20:17
Bold St before Tunis St, Laurieton	08:25	11:25	13:25	16:25	18:25	20:25
Ocean Dr before Captain Cook Bicentennial Dr, West Haven	08:28	11:28	13:28	16:28	18:28	20:28
Lakewood Shopping Centre, Sirius Dr, Lakewood	08:32	11:32	13:32	16:32	18:32	20:32
Kendall Station, Kendall	—	—	—	—	—	20:41
Comboyne St opp Kendall War Memorial, Kendall	08:43	11:43	13:43	16:43	18:43	20:43

Sunday & Public Holidays

Settlement City Shopping Centre, Port Macquarie	09:21	11:21	13:21	15:21	17:21
Clarence St before Hay St, Port Macquarie	09:27	11:27	13:27	15:27	17:27
Port Macquarie Private Hospital, Lake Rd, Port Macquarie	09:30	11:30	13:30	15:30	17:30
Lord St after Hill St, Port Macquarie	09:34	11:34	13:34	15:34	17:34
Kennedy Dr after Allunga Ave, Port Macquarie	09:37	11:37	13:37	15:37	17:37
Livingstone Rd before Wiruna Rd, Port Macquarie	09:41	11:41	13:41	15:41	17:41
Ocean Dr at Matthew Flinders Dr, Port Macquarie	09:46	11:46	13:46	15:46	17:46
Ocean Dr opp Lake Cathie Village Centre, Lake Cathie	09:53	11:53	13:53	15:53	17:53
Ocean Dr opp Graham St, Bonny Hills	10:00	12:00	14:00	16:00	18:00
The Parade opp North Haven Bowling Club, North Haven	10:08	12:08	14:08	16:08	18:08
Bold St before Tunis St, Laurieton	10:15	12:15	14:15	16:15	18:15
Ocean Dr before Captain Cook Bicentennial Dr, West Haven	10:17	12:17	14:17	16:17	18:17
Lakewood Shopping Centre, Sirius Dr, Lakewood	10:21	12:21	14:21	16:21	18:21
Comboyne St opp Kendall War Memorial, Kendall	10:32	12:32	14:32	16:32	18:32

334K**Kendall to Port Macquarie via
Laurieton****Monday to Friday**

Comboyne St opp Kendall War Memorial, Kendall Kendall Station, Kendall	06:34	07:15	08:55	09:55	11:55	13:55	15:45	16:57	17:47	
Lakewood Shopping Centre, Sirius Dr, Lakewood	06:41	07:22	09:03	10:03	12:03	14:03	15:57	17:05	17:54	
Ocean Dr at The Gateway, West Haven	06:45	07:26	09:08	10:08	12:08	14:08	16:03	17:10	Q17:59	
Bold St before Tunis St, Laurieton	06:50	07:31	09:13	10:13	12:13	14:13	16:08	17:15	Q18:04	
North Haven Bowling Club, The Parade, North Haven	06:55	07:36	09:19	10:19	12:19	14:19	16:14	17:21	-	
Ocean Dr at Graham St, Bonny Hills	07:04	07:46	09:28	10:28	12:28	14:28	16:23	17:30	-	
Lake Cathie Village Centre, Ocean Dr, Lake Cathie	07:12	07:58	09:36	10:36	12:36	14:36	16:36	17:38	-	
Ocean Dr after Emerald Dr, Port Macquarie	07:22	08:08	09:46	10:46	12:46	14:46	16:48	17:48	-	
Livingstone Rd after Portsea Pl, Port Macquarie	07:24	08:11	09:49	10:49	12:49	14:49	16:51	17:50	-	
Kennedy Dr opp Allunga Ave, Port Macquarie	07:26	08:16	09:53	10:53	12:53	14:53	16:55	17:53	-	
Lord St before Hill St, Port Macquarie	07:29	08:19	09:56	10:56	12:56	14:56	16:58	17:56	-	
Lake Rd opp Port Macquarie Private Hospital, Port Macquarie	-	08:23	09:58	10:58	12:58	14:58	17:00	17:58	-	
Clarence St after Hay St, Port Macquarie	-	08:31	10:07	11:07	13:07	15:07	17:07	18:07	-	
Settlement City Shopping Centre, Port Macquarie	07:46	08:42	10:15	11:15	13:15	15:15	17:15	18:15	-	
Clarence St before Hay St, Port Macquarie	07:54	-	-	-	-	-	-	-	-	

Monday to Friday

Comboyne St opp Kendall War Memorial, Kendall Kendall Station, Kendall	18:47	20:57
Lakewood Shopping Centre, Sirius Dr, Lakewood	18:54	21:04
Ocean Dr at The Gateway, West Haven	Q18:59	21:10
Bold St before Tunis St, Laurieton	Q19:04	21:15
North Haven Bowling Club, The Parade, North Haven	-	21:21
Ocean Dr at Graham St, Bonny Hills	-	21:30
Lake Cathie Village Centre, Ocean Dr, Lake Cathie	-	21:38
Ocean Dr after Emerald Dr, Port Macquarie	-	21:48
Livingstone Rd after Portsea Pl, Port Macquarie	-	21:50
Kennedy Dr opp Allunga Ave, Port Macquarie	-	21:53
Lord St before Hill St, Port Macquarie	-	21:56
Lake Rd opp Port Macquarie Private Hospital, Port Macquarie	-	21:58
Clarence St after Hay St, Port Macquarie	-	22:07
Settlement City Shopping Centre, Port Macquarie	-	22:14





Saturday

Comboyne St opp Kendall War Memorial, Kendall Kendall Station, Kendall	06:55	08:55	11:55	13:55	16:47	18:47	20:57
Lakewood Shopping Centre, Sirius Dr, Lakewood	07:03	09:03	12:03	14:03	16:54	18:54	21:04
Ocean Dr at The Gateway, West Haven	07:08	09:08	12:08	14:08	17:00	19:00	21:10
Bold St before Tunis St, Laurieton	07:13	09:13	12:13	14:13	17:05	19:05	21:15
North Haven Bowling Club, The Parade, North Haven	07:19	09:19	12:19	14:19	17:11	19:11	21:21
Ocean Dr at Graham St, Bonny Hills	07:28	09:28	12:28	14:28	17:20	19:20	21:30
Lake Cathie Village Centre, Ocean Dr, Lake Cathie	07:36	09:36	12:36	14:36	17:28	19:28	21:38
Ocean Dr after Emerald Dr, Port Macquarie	07:46	09:46	12:46	14:46	17:38	19:38	21:48
Livingstone Rd after Portsea Pl, Port Macquarie	07:49	09:49	12:49	14:49	17:40	19:40	21:50
Kennedy Dr opp Allunga Ave, Port Macquarie	07:53	09:53	12:53	14:53	17:43	19:43	21:53
Lord St before Hill St, Port Macquarie	07:56	09:56	12:56	14:56	17:46	19:46	21:56
Lake Rd opp Port Macquarie Private Hospital, Port Macquarie	07:58	09:58	12:58	14:58	17:48	19:48	21:58
Clarence St after Hay St, Port Macquarie	08:07	10:07	13:07	15:07	17:55	19:55	22:05
Settlement City Shopping Centre, Port Macquarie	08:15	10:15	13:15	15:15	18:02	20:02	22:12

334K

Kendall to Port Macquarie via Laurieton

**Sunday & Public Holidays**

						
Comboyne St opp Kendall War Memorial, Kendall	08:12	10:34	12:34	14:12	16:34	18:34
Kendall Station, Kendall	—	—	—	14:14	16:36	18:36
Lakewood Shopping Centre, Sirius Dr, Lakewood	08:19	10:41	12:41	14:19	16:41	18:41
Ocean Dr at The Gateway, West Haven	08:23	10:45	12:45	14:23	16:45	18:45
Bold St before Tunis St, Laurieton	08:27	10:49	12:49	14:27	16:49	18:49
North Haven Bowling Club, The Parade, North Haven	08:32	10:54	12:54	14:32	16:54	18:54
Ocean Dr at Graham St, Bonny Hills	08:40	11:02	13:02	14:40	17:02	19:02
Lake Cathie Village Centre, Ocean Dr, Lake Cathie	08:48	11:10	13:10	14:48	17:10	19:10
Ocean Dr after Emerald Dr, Port Macquarie	08:58	11:20	13:20	14:58	17:20	19:20
Livingstone Rd after Portsea Pl, Port Macquarie	09:01	11:23	13:23	15:01	17:23	19:23
Kennedy Dr opp Allunga Ave, Port Macquarie	09:05	11:27	13:27	15:05	17:27	19:27
Lord St before Hill St, Port Macquarie	09:08	11:30	13:30	15:08	17:30	19:30
Lake Rd opp Port Macquarie Private Hospital, Port Macquarie	09:10	11:32	13:32	15:10	17:32	19:32
Clarence St after Hay St, Port Macquarie	09:17	11:39	13:39	15:17	17:39	19:39
Settlement City Shopping Centre, Port Macquarie	09:25	11:47	13:47	15:25	17:47	19:47

334

Lighthouse Plaza to Port Macquarie



How to use this timetable

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Fares

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Explanation of definitions and symbols



Wheelchair Accessible

S

School Days only

H

School Holidays only

334

Port Macquarie to Lighthouse Plaza



Valid from: 20 July 2020

Creation date: 09 July 2021

NOTE: Information is correct on date of download.

Monday to Friday									
Settlement City Shopping Centre, Port Macquarie	06:33	07:18	07:49	08:44	09:24	09:44	11:24	13:24	18:24
Clarence St before Hay St, Port Macquarie	06:39	07:24	07:55	08:53	09:33	09:50	11:33	13:33	18:33
Port Macquarie Private Hospital, Lake Rd, Port Macquarie	06:42	07:27	07:58	08:56	09:36	09:53	11:36	13:36	18:36
Lord St after Hill St, Port Macquarie	06:45	07:30	08:01	09:00	09:40	09:56	11:40	13:40	18:40
Kennedy Dr after Allunga Ave, Port Macquarie	06:48	07:33	08:04	09:03	09:43	09:59	11:43	13:43	18:43
Livingstone Rd before Wiruna Rd, Port Macquarie	06:52	07:37	08:08	09:07	09:47	10:03	11:47	13:47	18:47
Ocean Dr at Matthew Flinders Dr, Port Macquarie	06:55	07:42	08:13	09:12	09:52	10:08	11:52	13:52	18:52
Saturday									
Settlement City Shopping Centre, Port Macquarie	08:24	09:24	11:24	13:24	14:24	16:24			
Clarence St before Hay St, Port Macquarie	08:33	09:33	11:33	13:33	14:33	16:33			
Port Macquarie Private Hospital, Lake Rd, Port Macquarie	08:36	09:36	11:36	13:36	14:36	16:36			
Lord St after Hill St, Port Macquarie	08:40	09:40	11:40	13:40	14:40	16:40			
Kennedy Dr after Allunga Ave, Port Macquarie	08:43	09:43	11:43	13:43	14:43	16:43			
Livingstone Rd before Wiruna Rd, Port Macquarie	08:47	09:47	11:47	13:47	14:47	16:47			
Ocean Dr at Matthew Flinders Dr, Port Macquarie	08:52	09:52	11:52	13:52	14:52	16:52			
Sunday & Public Holidays									
Settlement City Shopping Centre, Port Macquarie	10:21	12:21	14:21	16:21					
Clarence St before Hay St, Port Macquarie	10:27	12:27	14:27	16:27					
Port Macquarie Private Hospital, Lake Rd, Port Macquarie	10:30	12:30	14:30	16:30					
Lord St after Hill St, Port Macquarie	10:34	12:34	14:34	16:34					
Kennedy Dr after Allunga Ave, Port Macquarie	10:37	12:37	14:37	16:37					
Livingstone Rd before Wiruna Rd, Port Macquarie	10:41	12:41	14:41	16:41					
Ocean Dr at Matthew Flinders Dr, Port Macquarie	10:46	12:46	14:46	16:46					

334

Lighthouse Plaza to Port Macquarie



Monday to Friday

Day Restrictions								
		S				H	S	
Ocean Dr after Emerald Dr, Port Macquarie	06:49	08:30	09:16	11:46	13:46	15:48	15:58	18:48
Livingstone Rd after Portsea Pl, Port Macquarie	06:51	08:35	09:19	11:49	13:49	15:51	16:00	18:50
Kennedy Dr opp Allunga Ave, Port Macquarie	06:54	08:40	09:23	11:53	13:53	15:55	16:03	18:53
Lord St before Hill St, Port Macquarie	06:57	08:43	09:26	11:56	13:56	15:58	16:06	18:56
Lake Rd opp Port Macquarie Private Hospital, Port Macquarie	06:59	08:47	09:28	11:58	13:58	16:00	16:08	18:58
Clarence St after Hay St, Port Macquarie	07:08	08:57	09:37	12:07	14:07	16:07	16:13	19:07
Settlement City Shopping Centre, Port Macquarie	07:15	09:05	09:45	12:15	14:15	16:20	16:20	19:14

Saturday

Ocean Dr after Emerald Dr, Port Macquarie	08:46	10:46	11:46	13:46	15:46	16:46
Livingstone Rd after Portsea Pl, Port Macquarie	08:49	10:49	11:49	13:49	15:49	16:49
Kennedy Dr opp Allunga Ave, Port Macquarie	08:53	10:53	11:53	13:53	15:53	16:53
Lord St before Hill St, Port Macquarie	08:56	10:56	11:56	13:56	15:56	16:56
Lake Rd opp Port Macquarie Private Hospital, Port Macquarie	08:58	10:58	11:58	13:58	15:58	16:58
Clarence St after Hay St, Port Macquarie	09:07	11:07	12:07	14:07	16:07	17:07
Settlement City Shopping Centre, Port Macquarie	09:15	11:15	12:15	14:15	16:15	17:15

Sunday & Public Holidays

Ocean Dr after Emerald Dr, Port Macquarie	10:58	12:58	16:58
Livingstone Rd after Portsea Pl, Port Macquarie	11:01	13:01	17:01
Kennedy Dr opp Allunga Ave, Port Macquarie	11:05	13:05	17:05
Lord St before Hill St, Port Macquarie	11:08	13:08	17:08
Lake Rd opp Port Macquarie Private Hospital, Port Macquarie	11:10	13:10	17:10
Clarence St after Hay St, Port Macquarie	11:17	13:17	17:17
Settlement City Shopping Centre, Port Macquarie	11:25	13:25	17:25

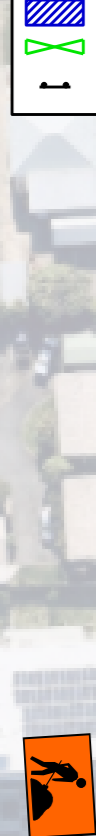
Appendix C

Turning Path Assessments

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Pkt by shirlock

LEGEND:

WORK SITE (CLASS A HOARDING)

WORKS ZONE

GORDON STREET

OWEN STREET



ON-SITE TRAINED PERSONNEL TO MANAGE PEDESTRIAN ACTIVITIES



- NOTES:
1. ALL SIGNS SHALL BE MINIMUM SIZE A.

2. ALL SIGNS SHALL BE CLASS 1 RETROREFLECTIVE.

3. LOCATION OF SIGNS SHALL BE CONFIRMED ON-SITE TO ENSURE APPROPRIATE VISIBILITY.

4. ALL TRAFFIC CONTROL PLANS SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE TNSW "TRAFFIC CONTROL AT WORK SITES" MANUAL, VER 6 (TNSW 2020) AND AUSTRALIAN STANDARDS AS1742.3:2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, PART 3: TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS.

5. THIS TRAFFIC CONTROL PLANS SHALL BE SET UP BY A PERSON HOLDING AN "IMPLEMENT TRAFFIC MANAGEMENT PLANS" TICKET AND THE TNSW TRAFFIC CONTROL AT WORK SITES CHECKLIST SHALL BE COMPLETED PRIOR TO IMPLEMENTATION.

6. THE ACCREDITED PERSONNEL SHALL IMPLEMENT THE APPROVED TCP BEFORE ANY PHYSICAL WORK COMMENCES. ENSURE A COPY OF THE TCP IS KEPT ON-SITE. THE ACCREDITED PERSONNEL SHALL DRIVE THROUGH THE SITE BEFORE WORKS BEGIN TO ENSURE THAT THE TCP HAS BEEN IMPLEMENTED CORRECTLY AND THAT IT WILL WARN, INSTRUCT AND GUIDE ROAD USERS AS DESIGNED. ANY AMENDMENTS MADE TO THE PLAN MUST BE MARKED ON THE PLAN AND INITIALED BY THE ACCREDITED PERSONNEL.

7. IT IS THE RESPONSIBILITY OF AN ACCREDITED PERSONNEL WITH A 'PREPARE A WORK ZONE TRAFFIC MANAGEMENT PLAN' TICKET TO ENSURE THE FOLLOWING:

- THE INTEGRITY OF ALL TRAFFIC CONTROL MEASURES THROUGH TO THE FINAL REMOVAL. THIS INCLUDES DAILY CHECKS OF ALL SIGNS AND DEVICES. THE CORRESPONDING RECORDS OF CHECKS SHALL BE KEPT ON FILE FOR AUDITING PURPOSES.

- VEHICULAR ACCESS AND SERVICING REQUIREMENTS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES AFFECTED BY TRAFFIC CONTROL MEASURES.

- AT ALL TIMES AN UP-TO-DATE COPY OF "TRAFFIC CONTROL AT WORK SITES" SHALL BE AVAILABLE FOR REFERENCE AND IMPLEMENTATION AS REQUIRED ON-SITE.

8. ALL WORKERS WILL BE CONFINED TO THE DEDICATED WORKS AREA SHOWN ON THE PLAN.

9. IT IS THE CONTRACTOR'S DUTY TO ENSURE THAT THE APPROPRIATE MEASURES ARE TAKEN TO PROVIDE A SAFE ENVIRONMENT FOR VEHICLES AND PEDESTRIANS TO RELEVANT AUSTRALIAN STANDARDS WHEN THE WORKSITE IS LEFT UNATTENDED.

10. TRAFFIC CONTROLLERS ARE NOT REQUIRED AT THE ACCESS FULL TIME, WHEN CONDITIONS BE MODIFIED AND TRAFFIC CONTROLLERS REQUIRED, THEY ARE TO BE SUITABLY ACCREDITED TO AUSTRALIAN STANDARDS AND TNSW ACCREDITATION AS REQUIRED. WHEN REQUIRED T1-34 AND T1-10 SIGNS ARE TO BE SET UP IN ACCORDANCE TO AUSTRALIAN STANDARDS AND TNSW REQUIREMENTS.

11. NOT ALL DIMENSIONS SHOWN ARE TO SCALE.

12. ALL SIGNAGE SHALL BE CLEAN, CLEARLY VISIBLE AND NOT OBSCURED.

13. ALL SIGNS SHALL BE COVERED OR REMOVED WHEN WORKERS ARE NOT ON SITE.

14. ALL WORKERS MUST ADHERE TO THE APPLICABLE SAFE WORK DISTANCE AS DESCRIBED IN AS1742.3:2009.

15. ALL DISTANCES BETWEEN SIGNS SHALL BE IN ACCORDANCE WITH SECTION 2.5.2 OF AS1742.3:2009. HOWEVER, MODIFICATIONS CAN BE MADE TO SUIT SITE CONDITIONS.

CERTIFICATIONS

THE UNDERSIGNED HAS COMPLETED AND OBTAINED "PREPARE A WORK ZONE TRAFFIC MANAGEMENT PLAN"
CERTIFICATE NO: 0052080417 (EXPIRY DATE: 16/07/2022)
PREPARE A WORK ZONE TMP CARD
CHENLONG YOU

HASTINGS SECONDARY COLLEGE
16 OWEN STREET, PORT MACQUARIE - CONSTRUCTION TRAFFIC MANAGEMENT PLAN
STAGE 3 AND 4 WORKS
TRAFFIC GUIDANCE SCHEME
DRAWING REF NO. 20M706AK-MD-01-P1

SHEET NO. 03 OF 08

ISSUE DATE 7 JULY 2021

DESIGNED BY
S.YOU

REVIEWED BY
M.KONG

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PRELIMINARY PLAN

FOR DISCUSSION PURPOSES
ONLY SUBJECT TO CHANGE
WITHOUT NOTIFICATION

WARNING

THE ACCURACY OF UNDERGROUND SERVICES
HAS NOT BEEN VERIFIED.
THE EXACT LOCATION SHALL BE PROVEN ON SITE.
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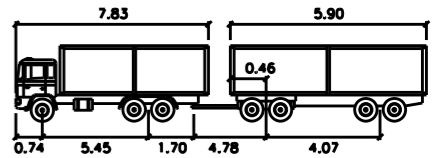
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\\tpa_data\FFPA_DATA\WORK\20\MSC\706 - HEG MSC\706AK - HASTINGS SECONDARY COLLEGE - PORT MACQUARIE\DRAWINGS_CAD\20\M706AK-MD-01-P1.dgn
Plt by shirlock



SWEEP PATH KEY	
	VEHICLE CENTRE LINE
	VEHICLE TYRE PATH
	VEHICLE BODY PATH
	500mm CLEARANCE FROM VEHICLE BODY



TRUCK n DOG 18.1

	metres		
First Unit Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 36.9
First Unit Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

HASTINGS SECONDARY COLLEGE
16 OWEN STREET, PORT MACQUARIE - CONSTRUCTION TRAFFIC MANAGEMENT PLAN
STAGE 1 WORKS
SWEEP PATH ASSESSMENT
DRAWING REF NO. 20M706AK-MD-01-P1

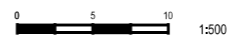
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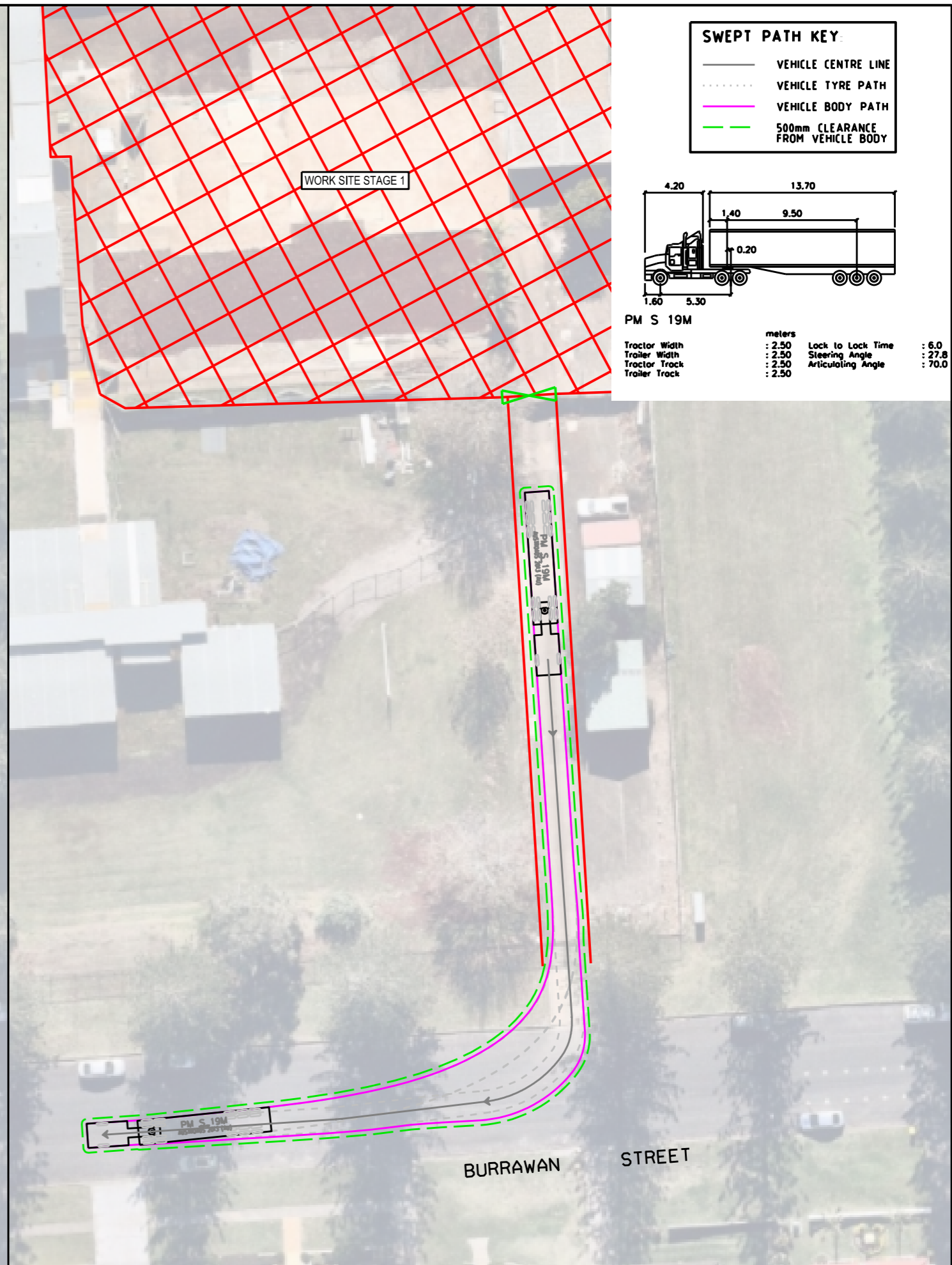
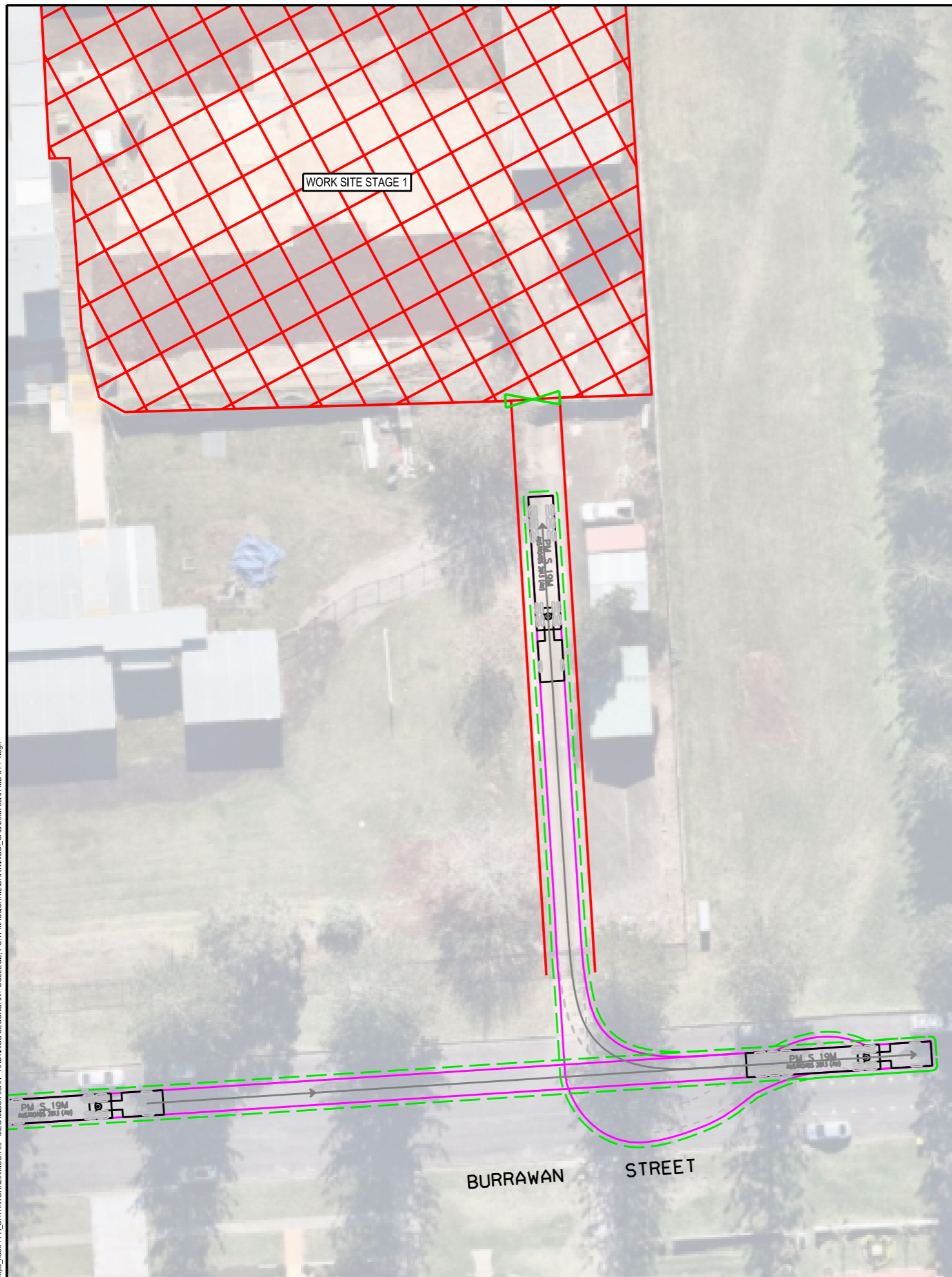
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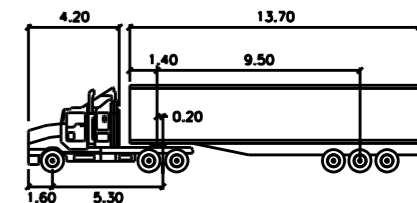
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Pkt by shirlock



SWEPT PATH KEY

- VEHICLE CENTRE LINE
- ... VEHICLE TYRE PATH
- VEHICLE BODY PATH
- 500mm CLEARANCE FROM VEHICLE BODY



PM S 19M

	meters		
Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 27.8
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

HASTINGS SECONDARY COLLEGE
16 OWEN STREET, PORT MACQUARIE - CONSTRUCTION TRAFFIC MANAGEMENT PLAN
STAGE 1 WORKS
SWEPT PATH ASSESSMENT
DRAWING REF NO. 20M706AK-MD-01-P1

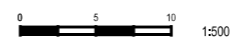
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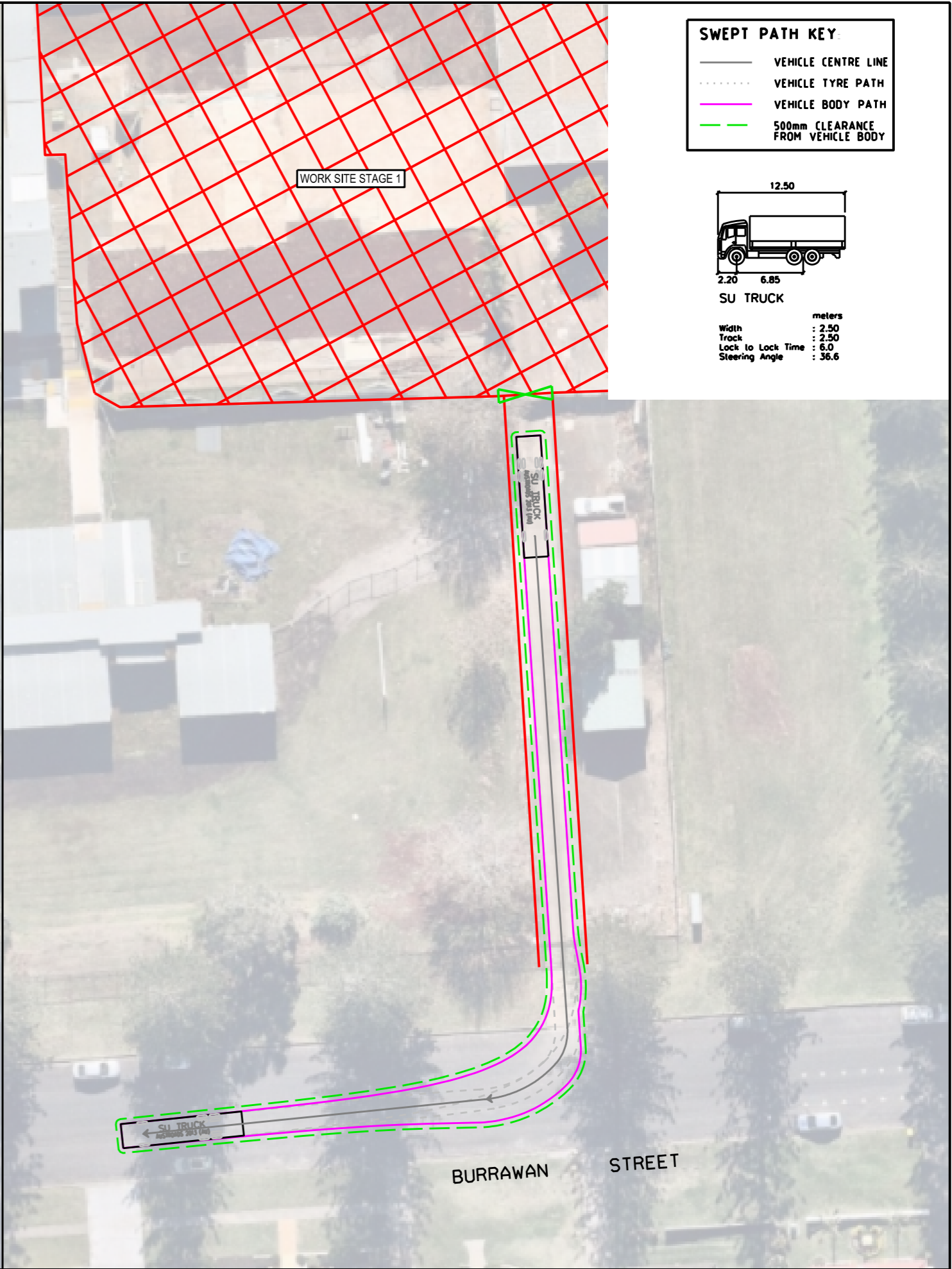
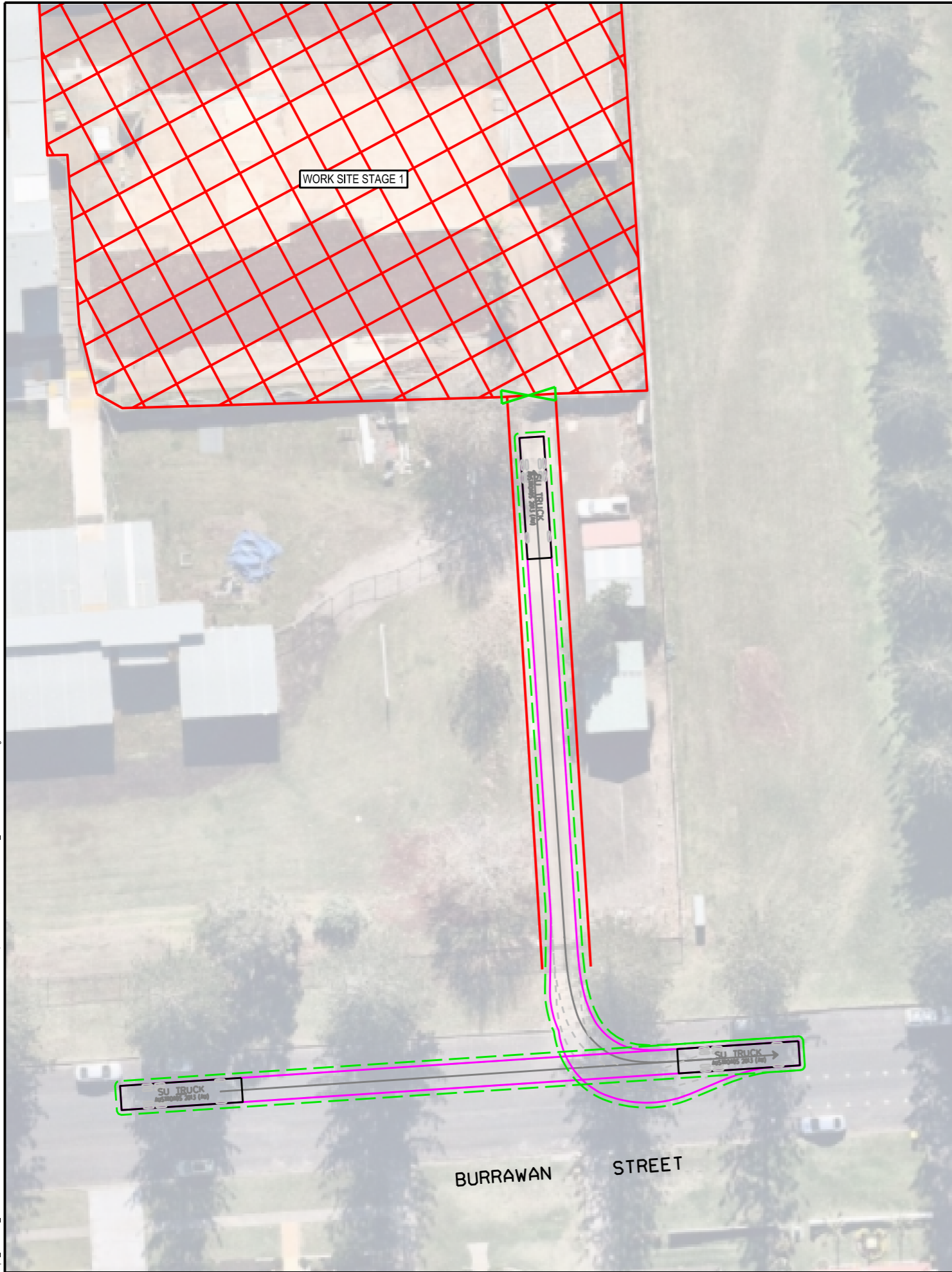
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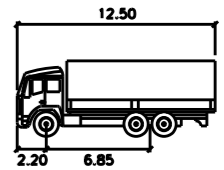
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SWEEP PATH KEY	
	VEHICLE CENTRE LINE
	VEHICLE TYRE PATH
	VEHICLE BODY PATH
	500mm CLEARANCE FROM VEHICLE BODY



SU TRUCK	
	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 36.6

HASTINGS SECONDARY COLLEGE
16 OWEN STREET, PORT MACQUARIE - CONSTRUCTION TRAFFIC MANAGEMENT PLAN
STAGE 1 WORKS
SWEEP PATH ASSESSMENT
DRAWING REF NO. 20M706AK-MD-01-P1

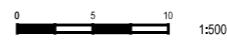
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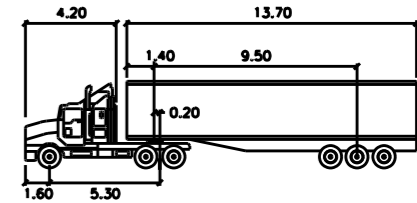
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SWEPT PATH KEY	
	VEHICLE CENTRE LINE
	VEHICLE TYRE PATH
	VEHICLE BODY PATH
	500mm CLEARANCE FROM VEHICLE BODY



PM S 19M		meters	
Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 27.8
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

HASTINGS SECONDARY COLLEGE
16 OWEN STREET, PORT MACQUARIE - CONSTRUCTION TRAFFIC MANAGEMENT PLAN
STAGE 2 WORKS
SWEPT PATH ASSESSMENT
DRAWING REF NO. 20M706AK-MD-01-P1

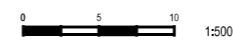
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PRELIMINARY PLAN
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Appendix C

Traffic Control Plans

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LEGEND:

WORK SITE (CLASS A HOARDING)

WORKS ZONE

SITE ACCESS

SIGN

TRAFFIC CONTROLLER

NOTES:

1. ALL SIGNS SHALL BE MINIMUM SIZE A.
2. ALL SIGNS SHALL BE CLASS 1 RETROREFLECTIVE.
3. LOCATION OF SIGNS SHALL BE CONFIRMED ON-SITE TO ENSURE APPROPRIATE VISIBILITY.
4. ALL SIGNAGE SHALL BE CLEAN, CLEARLY VISIBLE AND NOT OBSCURED.
5. ALL TRAFFIC CONTROL PLANS SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE TNSW "TRAFFIC CONTROL AT WORK SITES" MANUAL, VER 6 (TNSW 2020) AND AUSTRALIAN STANDARDS AS1742.3:2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, PART 3: TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS.
6. THIS TRAFFIC CONTROL PLAN SHALL BE SET UP BY A PERSON HOLDING AN "IMPLEMENT TRAFFIC MANAGEMENT PLAN" TICKET AND THE TNSW TRAFFIC CONTROL AT WORK SITES CHECKLIST SHALL BE COMPLETED PRIOR TO IMPLEMENTATION.
7. THE ACCREDITED PERSONNEL SHALL IMPLEMENT THE APPROVED TCP BEFORE ANY PHYSICAL WORK COMMENCES. ENSURE A COPY OF THE TCP IS KEPT ON-SITE. THE ACCREDITED PERSONNEL SHALL DRIVE THROUGH THE SITE BEFORE WORKS BEGIN TO ENSURE THAT THE TCP HAS BEEN IMPLEMENTED CORRECTLY AND THAT IT WILL WARN, INSTRUCT AND GUIDE ROAD USERS AS DESIGNED. ANY AMENDMENTS MADE TO THE PLAN MUST BE MARKED ON THE PLAN AND INITIALLED BY THE ACCREDITED PERSONNEL.
8. IT IS THE RESPONSIBILITY OF AN ACCREDITED PERSONNEL WITH A 'PREPARE A WORK ZONE TRAFFIC MANAGEMENT PLAN' TICKET TO ENSURE THE FOLLOWING:
 - THE INTEGRITY OF ALL TRAFFIC CONTROL MEASURES THROUGH TO THE FINAL REMOVAL. THIS INCLUDES DAILY CHECKS OF ALL SIGNS AND DEVICES. THE CORRESPONDING RECORDS OF CHECKS SHALL BE KEPT ON FILE FOR AUDITING PURPOSES.
 - VEHICULAR ACCESS AND SERVICING REQUIREMENTS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES AFFECTED BY TRAFFIC CONTROL MEASURES.
 - AT ALL TIMES AN UP-TO-DATE COPY OF "TRAFFIC CONTROL AT WORK SITES" SHALL BE AVAILABLE FOR REFERENCE AND IMPLEMENTATION AS REQUIRED ON-SITE.
9. ALL WORKERS WILL BE CONFINED TO THE DEDICATED WORKS AREA SHOWN ON THE PLAN.
10. IT IS THE CONTRACTOR'S DUTY TO ENSURE THAT THE APPROPRIATE MEASURES ARE TAKEN TO PROVIDE A SAFE ENVIRONMENT FOR VEHICLES AND PEDESTRIANS TO RELEVANT AUSTRALIAN STANDARDS WHEN THE WORKSITE IS LEFT UNATTENDED.
11. WHEN TRAFFIC CONTROLLER/S ARE NOT ON SITE, TRAFFIC CONTROLLER (T1-34) AND PREPARE TO STOP (T1-18) SIGNS SHALL BE COVERED OR REMOVED .
12. ROADWORK SIGNS SHALL BE COVERED OR REMOVED WHEN WORKERS ARE NOT ON SITE.
13. NOT ALL DIMENSIONS SHOWN ARE TO SCALE.
14. ALL WORKERS MUST ADHERE TO THE APPLICABLE SAFE WORK DISTANCE AS DESCRIBED IN AS1742.3:2009.
15. ALL DISTANCES BETWEEN SIGNS SHALL BE IN ACCORDANCE WITH SECTION 2.5.2 OF AS1742.3:2009. HOWEVER, MODIFICATIONS CAN BE MADE TO SUIT SITE CONDITIONS.

CERTIFICATIONS

THE UNDERSIGNED HAS COMPLETED AND OBTAINED "PREPARE A WORK ZONE TRAFFIC MANAGEMENT PLAN"

CERTIFICATE NO: 0052080417 (EXPIRY DATE: 16/07/2022)

PREPARE A WORK ZONE TMP CARD

CHENLONG YOU

HASTINGS SECONDARY COLLEGE
16 OWEN STREET, PORT MACQUARIE - CONSTRUCTION TRAFFIC MANAGEMENT PLAN
STAGE 1 WORKS
TRAFFIC GUIDANCE SCHEME
DRAWING REF NO. 20M706AK-MD-01-P1

SHEET NO. 01 OF 08

ISSUE DATE 7 JULY 2021

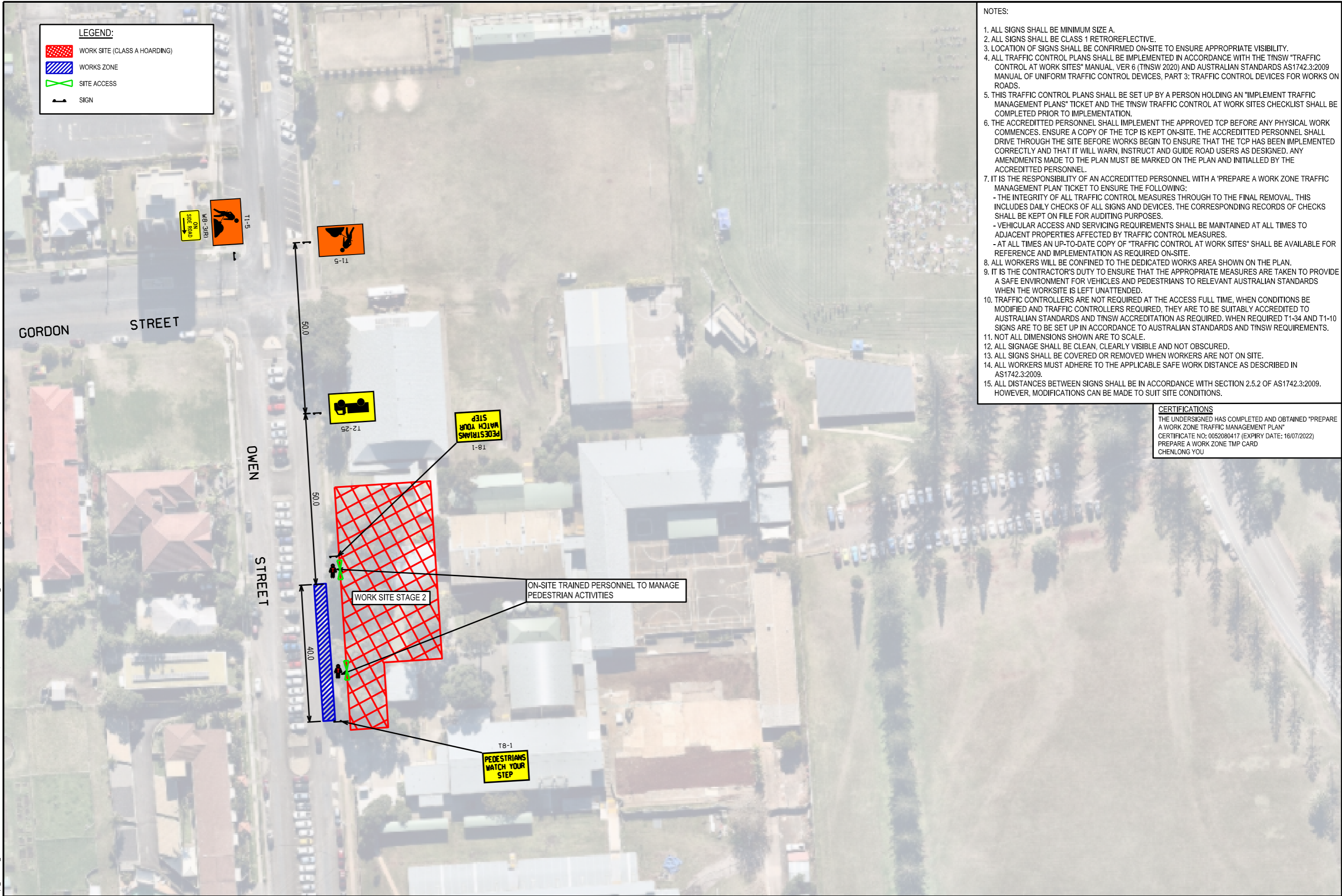
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Pkt by shirlock



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CERTIFICATE NO: 0052080417 (EXPIRY DATE: 16/07/2022)
PREPARE A WORK ZONE TMP CARD
CHENLONG YOU

HASTINGS SECONDARY COLLEGE
16 OWEN STREET, PORT MACQUARIE - CONSTRUCTION TRAFFIC MANAGEMENT PLAN
STAGE 2 WORKS
TRAFFIC GUIDANCE SCHEME
DRAWING REF NO. 20M706AK-MD-01-P1

SHEET NO. 02 OF 08

ISSUE DATE 7 JULY 2021

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REVIEWED BY
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Suite 502, Level 5, 282 Victoria Avenue, Chatswood NSW 2067

P (02) 9411 5660 F (02) 9904 6622 W ttpa.com.au E meg@ttpa.com.au

Meg Kong (Associate)

Meg is a civil engineer with higher academic credentials in transport planning, traffic engineering, transport economic, and transportation design. She has a combined 16 years of rich research and practical experience in the field of transport planning and traffic engineering in Australia, United States, Singapore and Malaysia. Meg has been involved in various traffic impact assessment, transport master planning studies, road feasibility studies, comprehensive urban and regional transportation studies, and traffic management plans. She has gained an insight into actual handling of tasks in various projects of varying scope and dimensions for both local and international clients in both the private and public sectors.



- BSc. Civil Engineering, Purdue University, USA
- MSc. Civil Engineering, Purdue University, USA
- Design Practitioner Registration Number: DEP0000127
- Professional Engineer Registration Number: PRE0000121
- Engineers Australia Member no.7489101.
- Australia Institute of Traffic Planning member no.99993784
- 14 years of traffic engineering and transport planning experience
- completed 1,200+ projects in NSW

RELEVANT SCHOOL DEVELOPMENT EXPERIENCE

- 1 Girraween Public School
 - 58 Dalmeny Drive, Prestons (Siena Primary School)
 - Brookvale Public School
 - Cheltenham Girls High School
 - Darcy Road Public School
 - Darlington Public School
 - Girraween Public School
 - Kent Road Public School
 - Killara And Ku-ring-gai High Schools
 - Medowie Christian School
 - Monaro High School, Cooma
 - North Sydney Public School
 - Samuel Gilbert Public School, Ridgeway Drive, Castle Hill
 - Siena Primary School
 - The French School Sydney
 - Wahroonga Adventist School, Fox Valley Road, Wahroonga
-