Institute of Applied Technology
Construction

# IATC Weekly Construction Status Update

Institute of Applied Technology - Construction (IATC) & Multi-Trades

25 November 2022



#### Context



TAFE NSW is delivering the Institute of Applied Technology - Construction; an \$84.5M Capital investment located at the TAFE NSW Nepean - Kingswood campus.

This new State of the Art, 5 Star Green Star Multi-trades facility will provide specialised training in construction, carpentry, electrical and plumbing, to support trades skills shortages in the Western Sydney Region.

The Institute of Applied Technology is a new education offering from the NSW Government, where leading educational institutions and industry will co-locate, co-design, and co-deliver theoretical and practical learning to empower people with the skills and experience they need to thrive in life and work. It will provide employable outcomes, transferrable skills, blended learning, and flexible pathways. This will ensure that NSW has a workforce ready to meet the needs of industry and future infrastructure demand.

Construction is well underway with completion due late March 2023.

### 12 Months in the making – the journey continues



12 months ago, ADCO Constructions broke ground on site at the TAFE NSW Nepean – Kingswood campus. Since that time, unprecedented weather events, COVID 19, material supply chain and trade work force shortages have all added an extra layer of difficulty to the project. Despite this, construction is progressing, with TAFE NSW and ADCO Constructions, along with all consultants, suppliers and trades working together to deliver this new facility that will give back to the construction industry so desperately in need.



#### Our IATC Roadmap





#### Highlights and Achievements (Week ending 26/11/2022)



- Continuation of blockwork to various areas
- Stripping of formwork to Lower and Upper Ground floors
- Concrete pour to lift core walls and L1 columns
- Continuation of steel reinforcement and formwork to L1 stair core No.2, and SE L1 columns
- Continuation of civil ground works
- Continuation of high-level services rough-in
- Continuation of external façade framing
- Preparation for structural steel roof framing
- Installation of under slab insulation
- Installation of glazing framing commenced



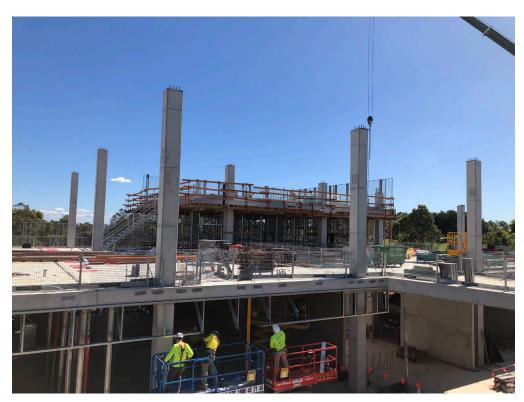
Section through Central Atrium

### Site Photograph (Week ending 26/11/2022)





L1 columns and stair core No.1 ready for roofing structural steel



L1 columns and NE mechanical plant deck

## Site Photograph (Week ending 26/11/2022)





Northern workshop stripping of formwork and scaffold



Civil plumbing sandpit ready for concrete hob and block walls

#### Next Steps (28/11 – 3/12/2022)



- Continue stripping formwork
- Continue blockwork to various areas
- Continue steel reinforcement, formwork and concrete to L1 stair core No.2 and columns
- Continue high-level services rough-ins
- Continue façade framing
- Continue civil ground services
- Commence placement of structural roofing steel



**Central Atrium** 

#### Traffic Movements (Week commencing 28/11/2022)



#### Traffic movement through Western Sydney University Werrington South Campus

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	28/11/2022	29/11/2022	30/11/2022	1/12/2022	2/12/2022	3/12/2022
Description of Work Activities	Stripping formwork from concreted areas, placement of formwork and reinforcements, continue blockwork, services installation, façade framing and concrete to stair core No.2 walls	Stripping formwork from concreted areas, placement of formwork and reinforcements, continue blockwork, services installation, and façade framing	Stripping formwork from concreted areas, placement of formwork and reinforcements, continue blockwork, services installation, and façade framing	Stripping formwork from concreted areas, placement of formwork and reinforcements, continue blockwork, services installation, and façade framing	Stripping formwork from concreted areas, placement of formwork and reinforcements, continue blockwork, services installation, and façade framing	Stripping formwork from concreted areas, placement of formwork and reinforcements, continue blockwork, services installation, and façade framing
Standing Traffic Control	Not required	Not required	Not required	Not required	Not required	Not Required
07.00am	Multiple concrete trucks and deliveries of material expected throughout the day	Deliveries of material expected throughout the day	Deliveries of material expected throughout the day	Deliveries of material expected throughout the day	Deliveries of material expected throughout the day	Deliveries of material expected throughout the day
08.00am						
09.00am						
10.00am						
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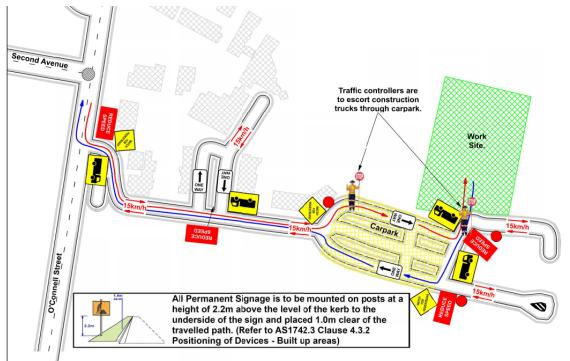
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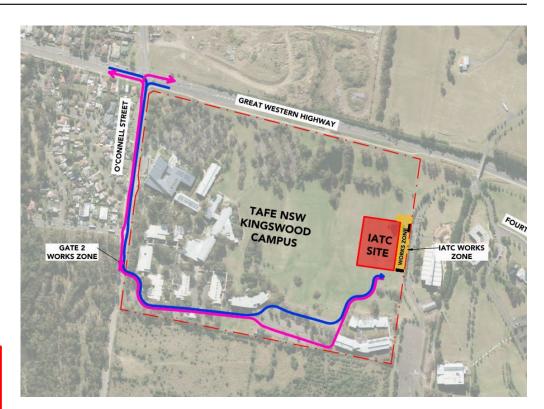
# TAFE NSW Nepean – Kingswood Campus Traffic Plan



TAFE NSW Nepean - Kingswood Campus Specific Risk Assessment and Traffic Control Plan





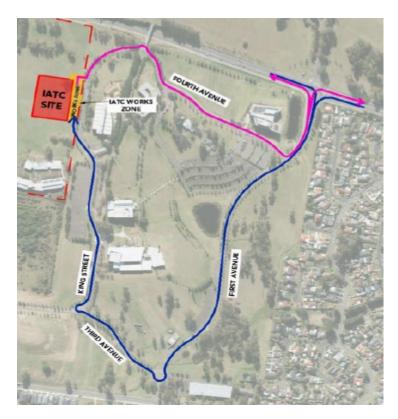


Truck Access Route and Site Plan

## TAFE NSW Nepean – Kingswood Campus Traffic Plan



Western Sydney University Werrington South



Blue = Construction traffic entry Pink = Construction traffic exit

Traffic control will be in place (as required) between:
7am and 6pm Monday-Friday
8am and 4pm Saturdays



IATC Construction site entry and exit



All construction vehicles with enter and exit the WSU Werrington South Campus in a controlled manner.

All construction vehicle parking will be maintained within the site compound with entry and exit through TAFE NSW Nepean Kingswood Campus.

No WSU parking will be affected due to the construction.

#### **Key Contacts**



 For key project updates and information about the Institute of Applied Technology for Construction

tafensw.edu.au/instituteofappliedtechnology

Phone: 1800 752 142

Email: <u>iat@tafensw.edu.au</u>

For all project related questions, concerns or complaints please contact:

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TAFE NSW Investment Project Director

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For all day to day construction related question please contact:

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