

CAD Visualisation 3D & 4D BIM

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experience
ahead of time
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CAD Visualisation 3D & 4D BIM

Graphically illustrating your project and time schedule provides a clear and easy display of your intentions with regard to completing a construction project.



To accompany the critical path schedules we prepare, Solid Support employs > 10 in-house CAD visualisers, to graphically illustrate and communicate the project works. CAD visualisation is a powerful tool that has a positive effect on project approvals and helps saving time and money during pre-construction and construction.

Key benefits

- Improves communication and cooperation along teams and stakeholders
- Helps to check for possible collisions
- Reduces dispute and unnecessary delays

Product portfolio

2D Site Plans

2D

Photo Matching

3D

3D Block Diagrams

360-degree VR

3D Staging Diagrams

4D Staging

4D

4D Simulations

4D with Voiceover

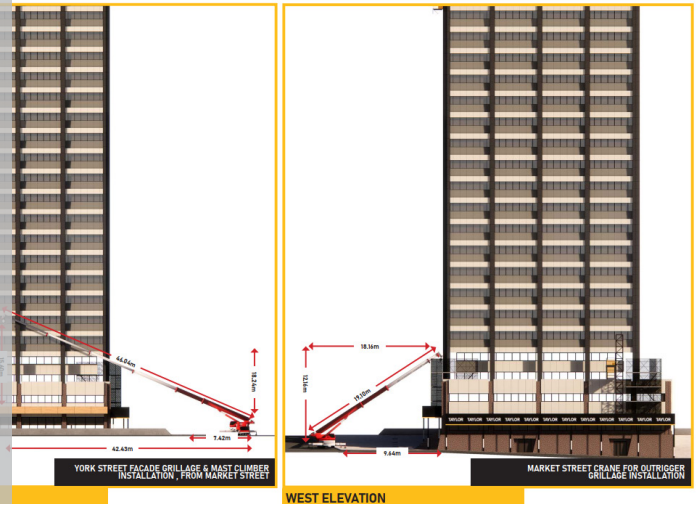
4D Site Management Plans

Flythroughs

Animations

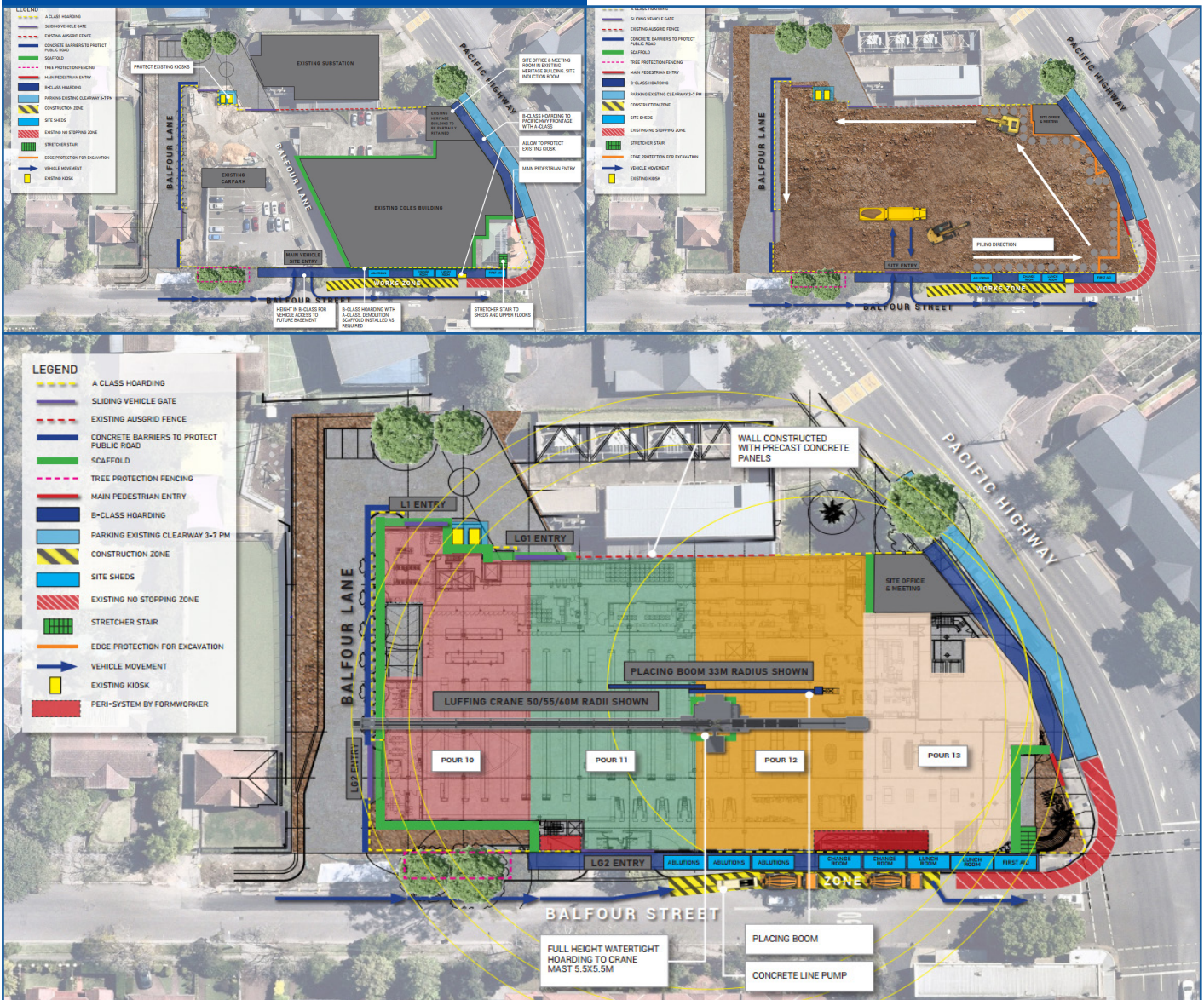
2D

Our 2D visuals highlight the complexities & detail within a project that may be problematic to convey via text. Our 2D Site Plans outline your project's proposed work zones, directional arrows, etc. to indicate the order of the proposed building construction, access points, scaffolding, hoardings and materials handling that will need to be employed in order to meet the projects objectives.



Average turn around time: 1- 2 days

2D Site Plans



3D BIM

We create 3D BIM models or work with the models that you provide to create a three-dimensional representation of your site plans. This gives every stakeholder on the project a better, more natural and intuitive way to understand the proposed construction process (methodology) and design of your project.



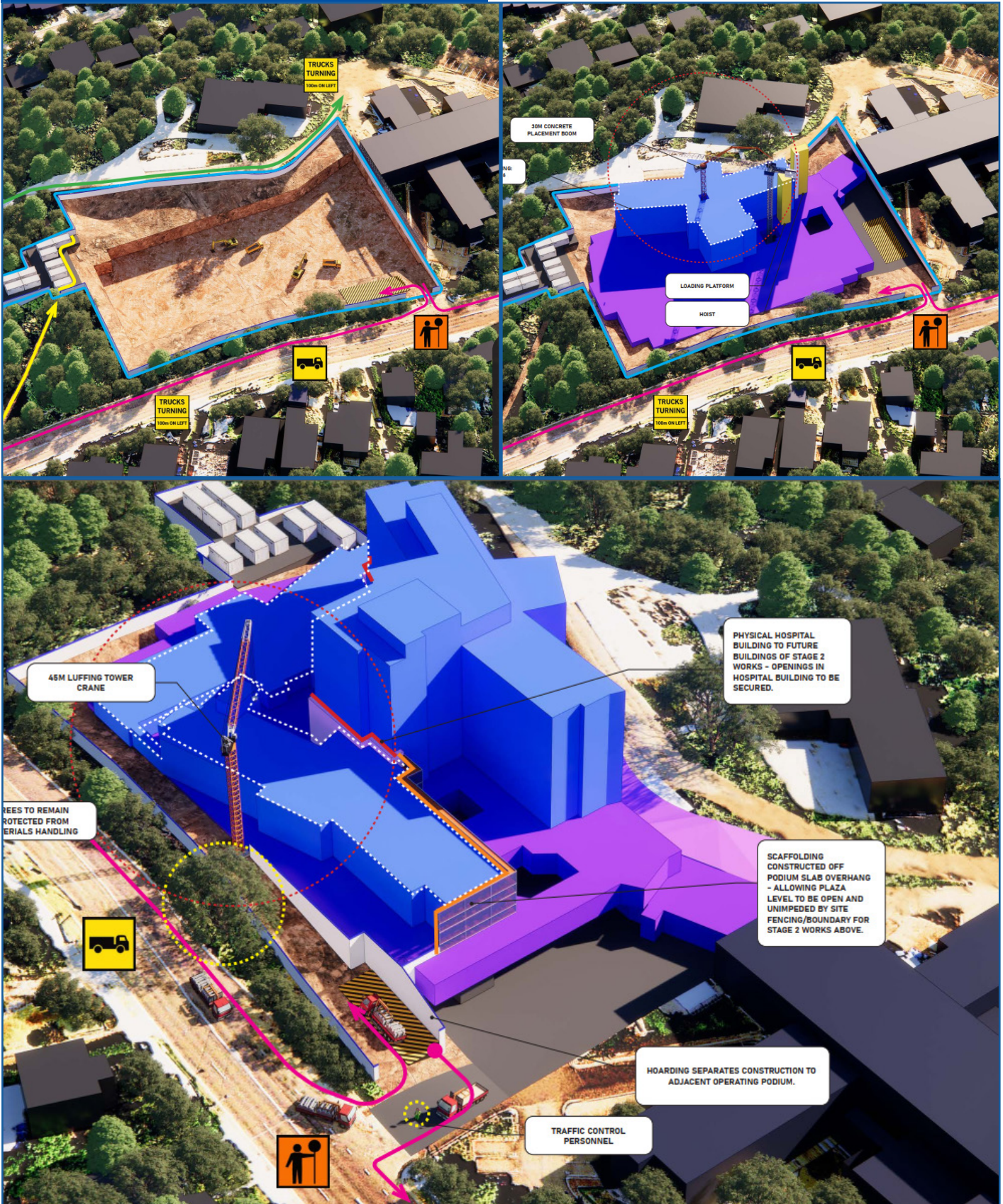
Average turn around time: 1- 2 days

Photo Matching



Average turn around time: 3 - 5 days

3D Block Diagrams



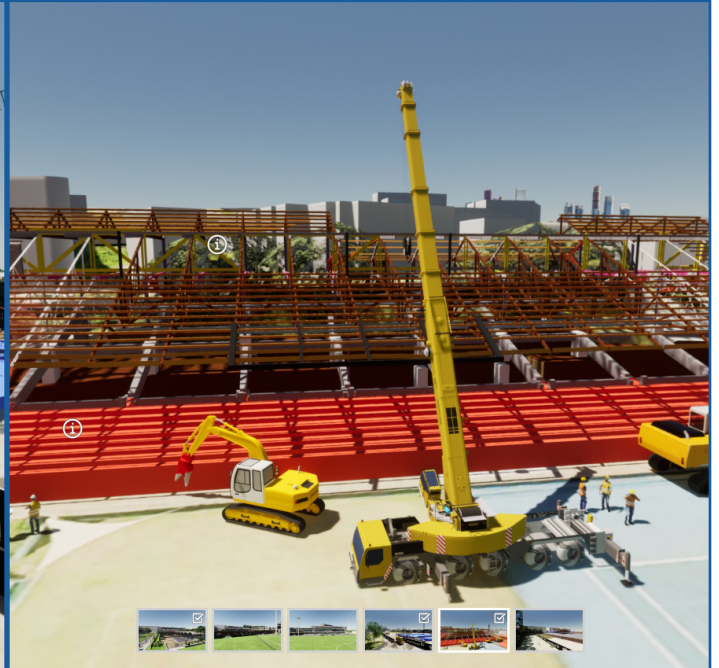
Average turn around time: 7 - 10 days

3D Staging Diagrams



Average turn around time: 7 - 10 days

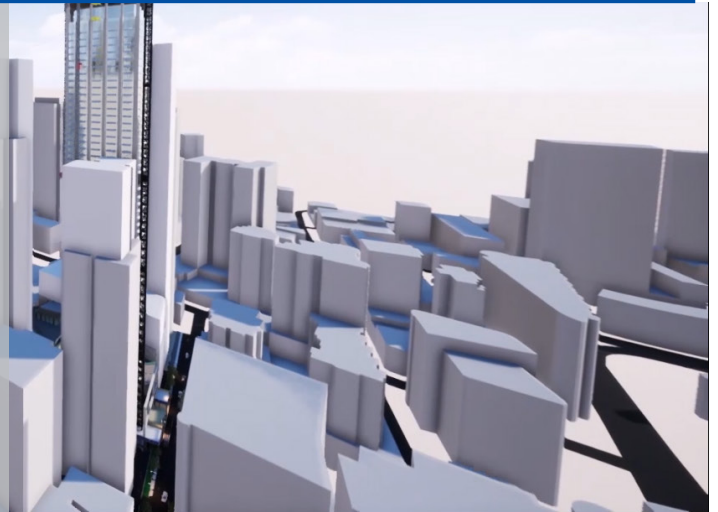
360-degree VR



4D BIM

4D BIM is a true game-changer in terms of efficiency and budget for construction projects. By linking scheduling activities to the 3D model, you can accurately and clearly explain how your structure and the surrounding site will visually appear at each construction stage, even to the less technically minded. Showcase your construction methodology with utmost accuracy.

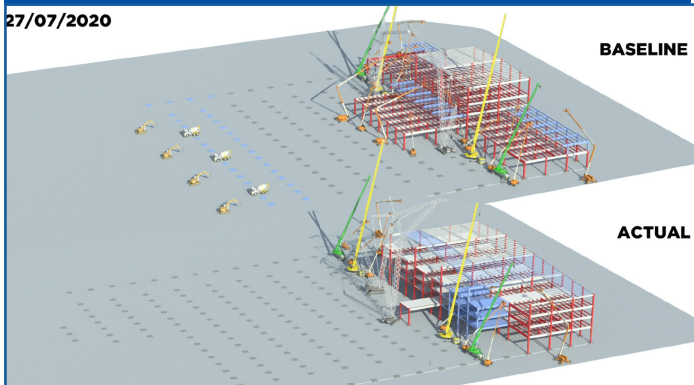
CT COMPLETION | 1
RETAIL BASE BUILT COMPLETE | 3D VISUALIZATION



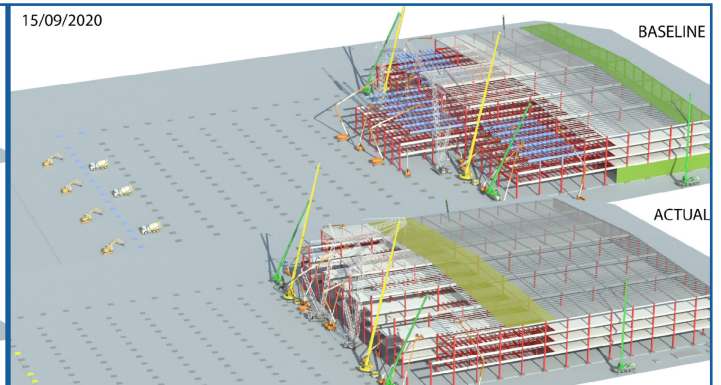
Average turn around time: 1- 3 days

4D Statusing

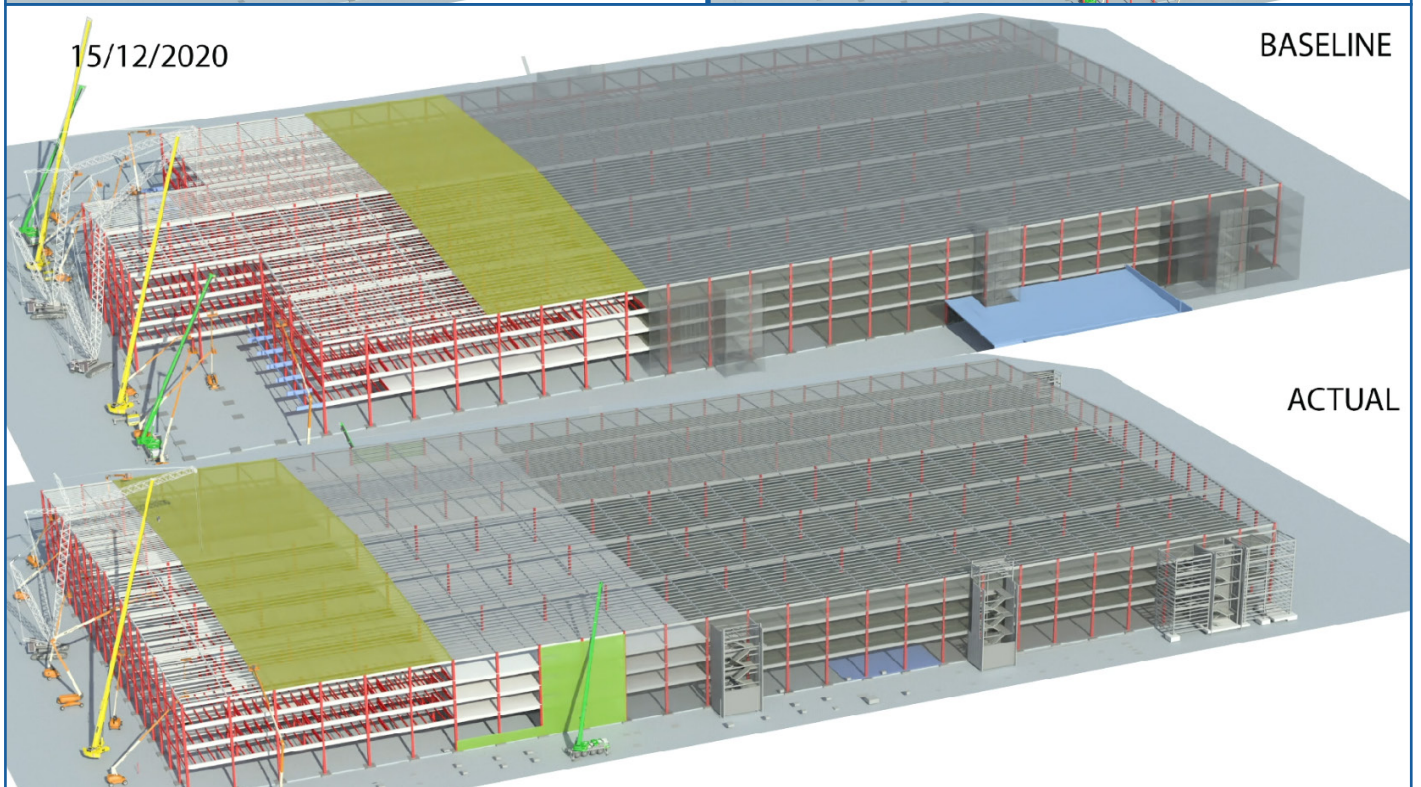
27/07/2020



15/09/2020



15/12/2020



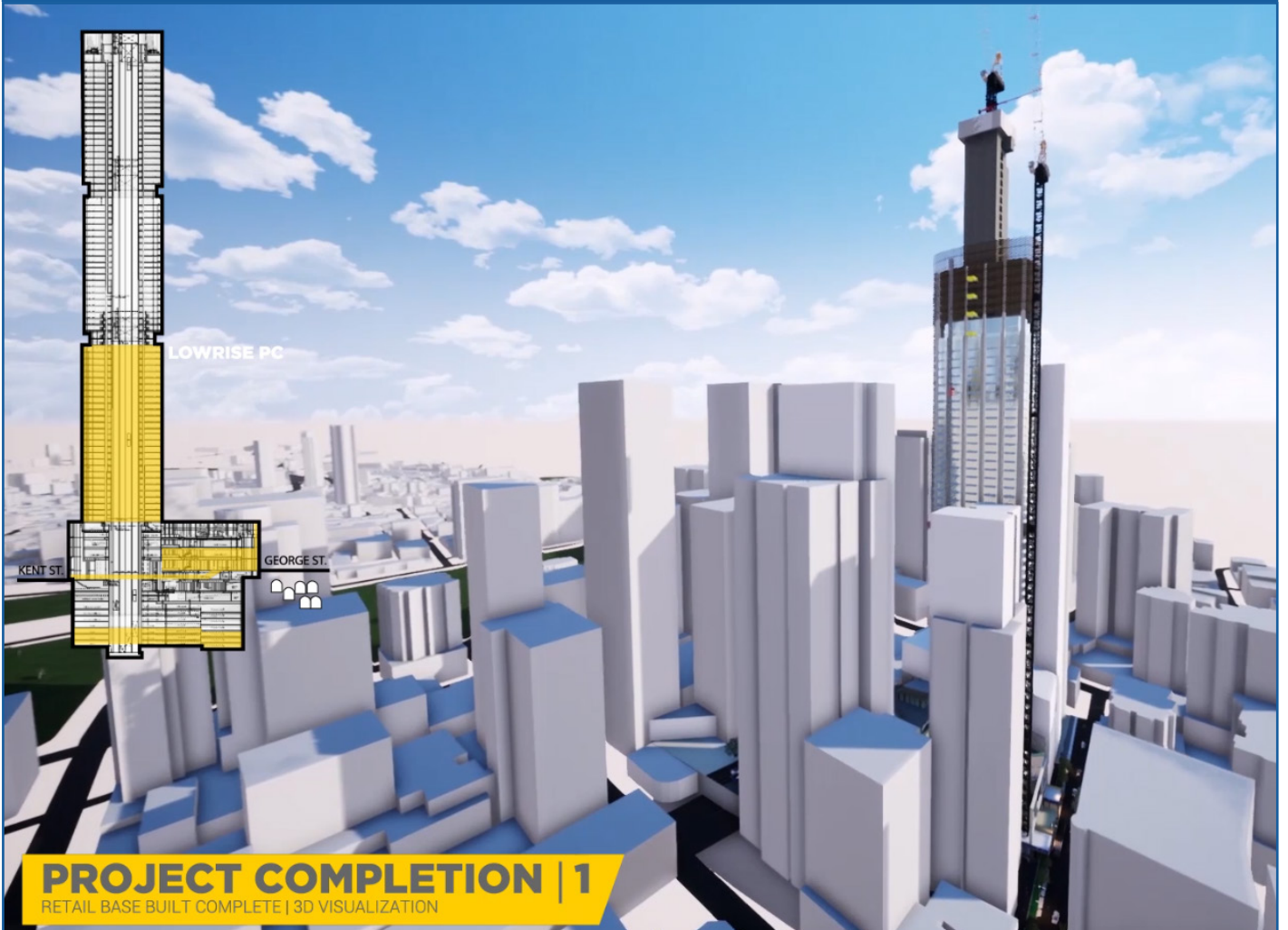
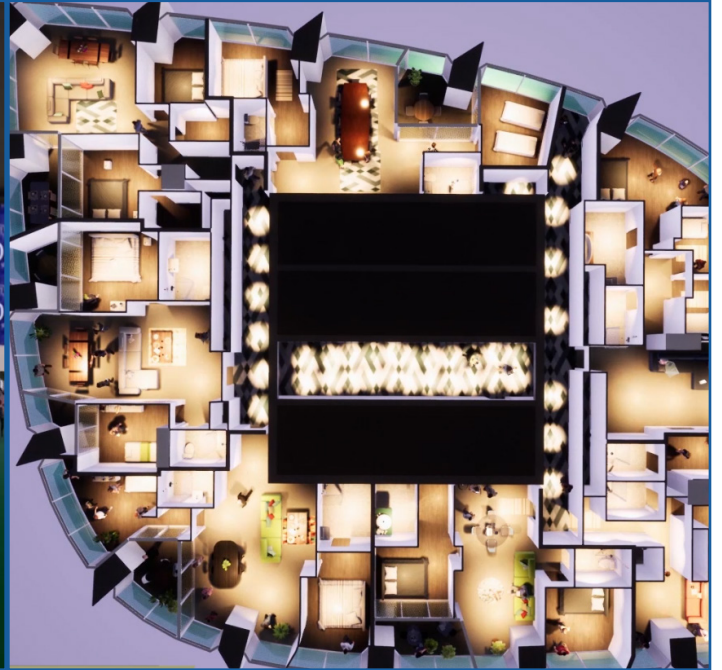
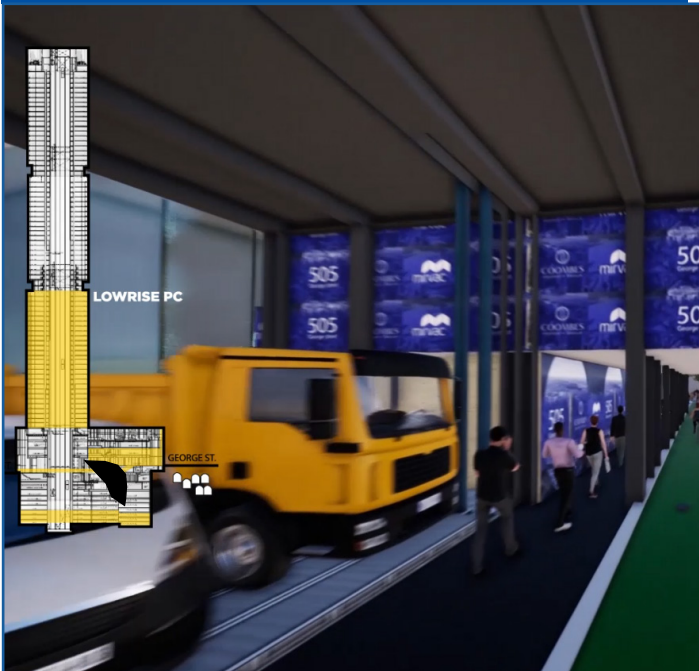
Average turn around time: 3- 5 days

4D Site Management Plans



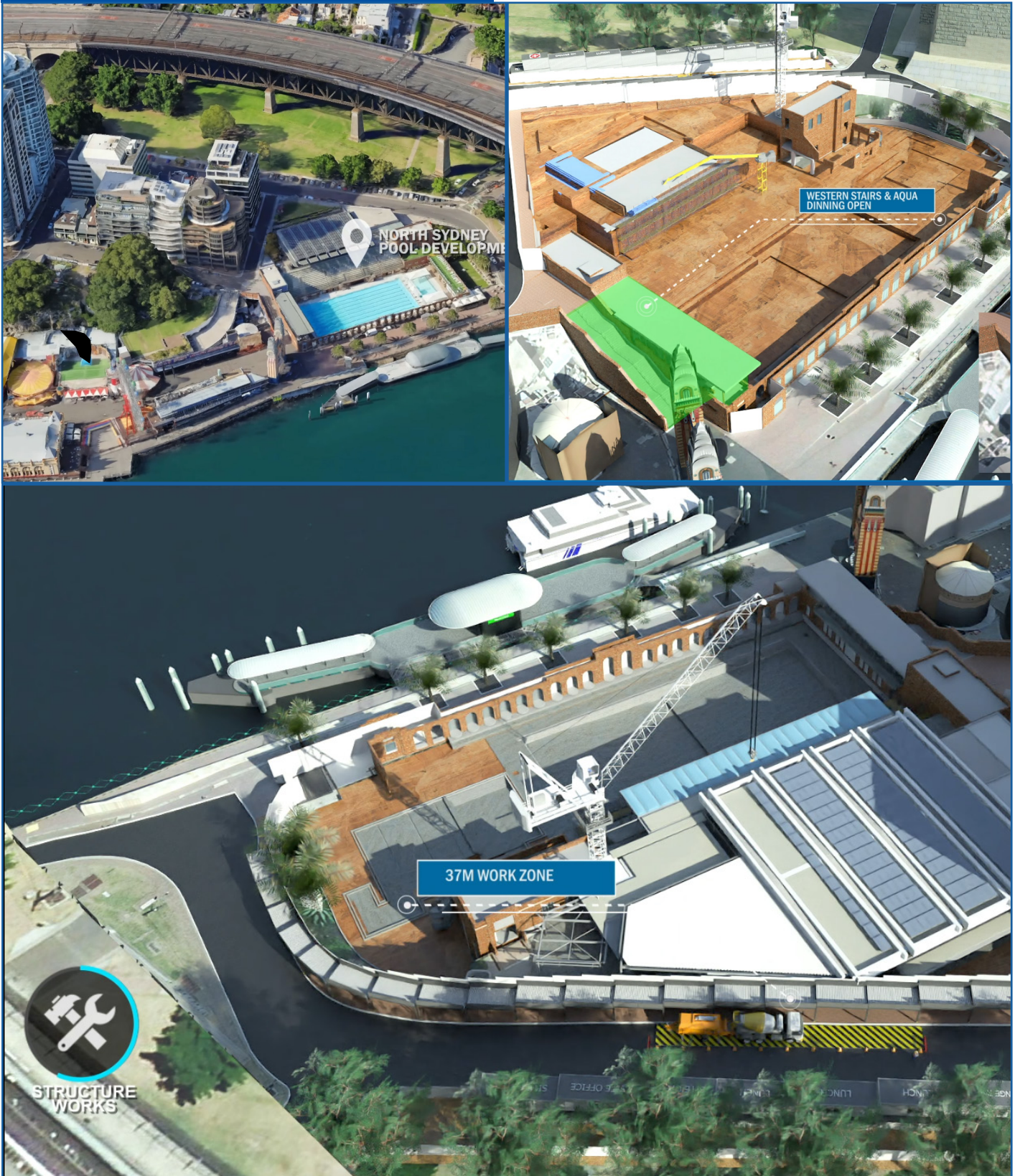
Average turn around time: 8 - 10 days

Flythroughs



Average turn around time: 10 - 15 days

4D Simulations



PROJECT TIMELINE

19/12/21	Oct	Nov	Dec	Jan 2021	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan 2022	Feb	Mar	Apr
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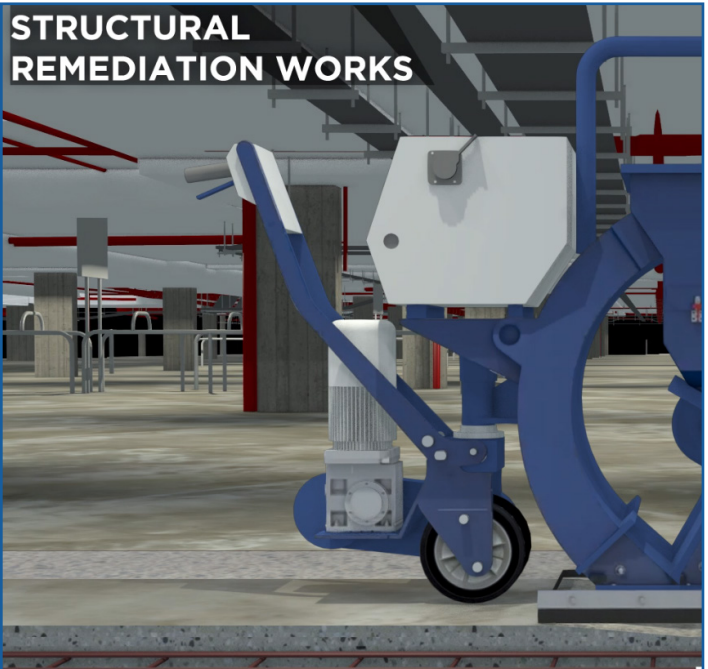
Average turn around time: 12 - 157days

4D with Voiceover



Average turn around time: 10 - 15 days

Animations



JUMPFORM EXTENSION

TEMPORARY SCAFFOLD TO UNDER CORE CHANGE

INSTALL TEMPORARY EDGE PROTECTION

SPLIT CLADDING AND EHD DECKS

SPLIT JUMPFORM CLADDING AND DECK

REMOVE HANGING ACCESS STAIR

REMOVE UPPER BEAMS

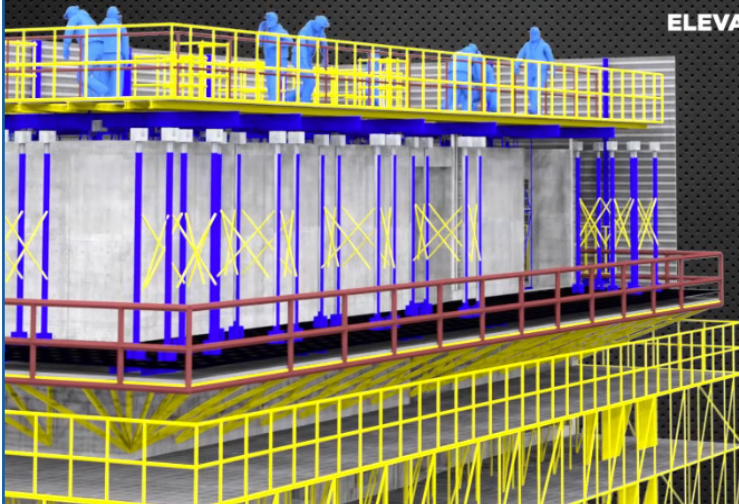
INSTALL SUPPORT FRAME UNDER LEVEL 11

INSTALL STATIC BEAMS

BUILD STATIC DECK

ELEVATE JUMPFORM TO INSTALL CLIMBING FRAMES

MODIFY SHUTTERS E2 & EA/EB/EC





New South Wales

Queensland

Victoria

Western Australia

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BIM / CAD
Visualisations

Forensic
Planning

Powerproject
Sales & Support

Construction
Planning Academy



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