



# Australian Precast Case Studies

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Precast Concepts

# Bendigo Stadium



# Bendigo Stadium

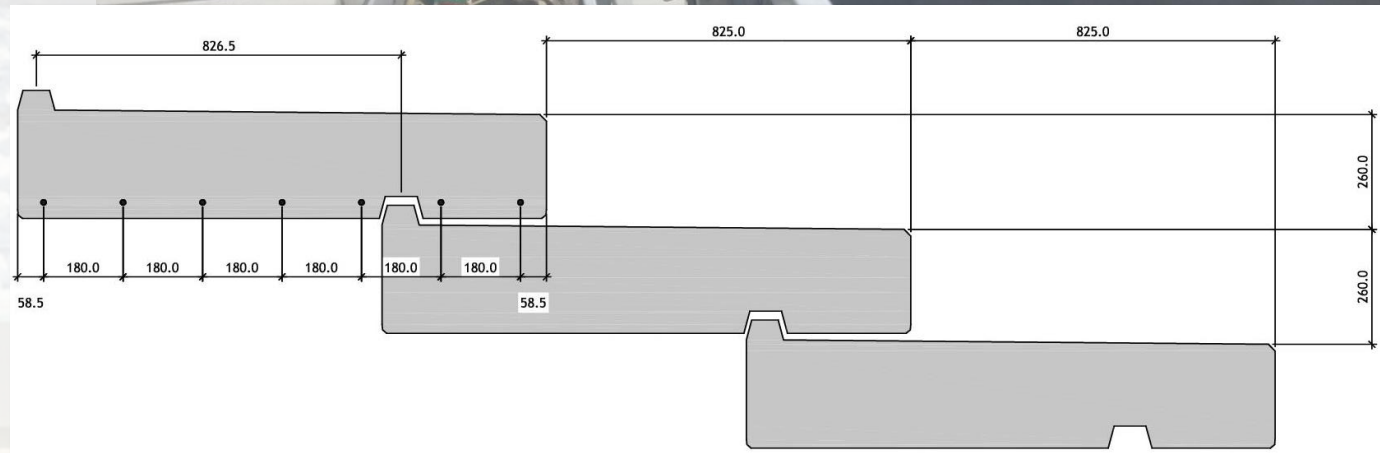
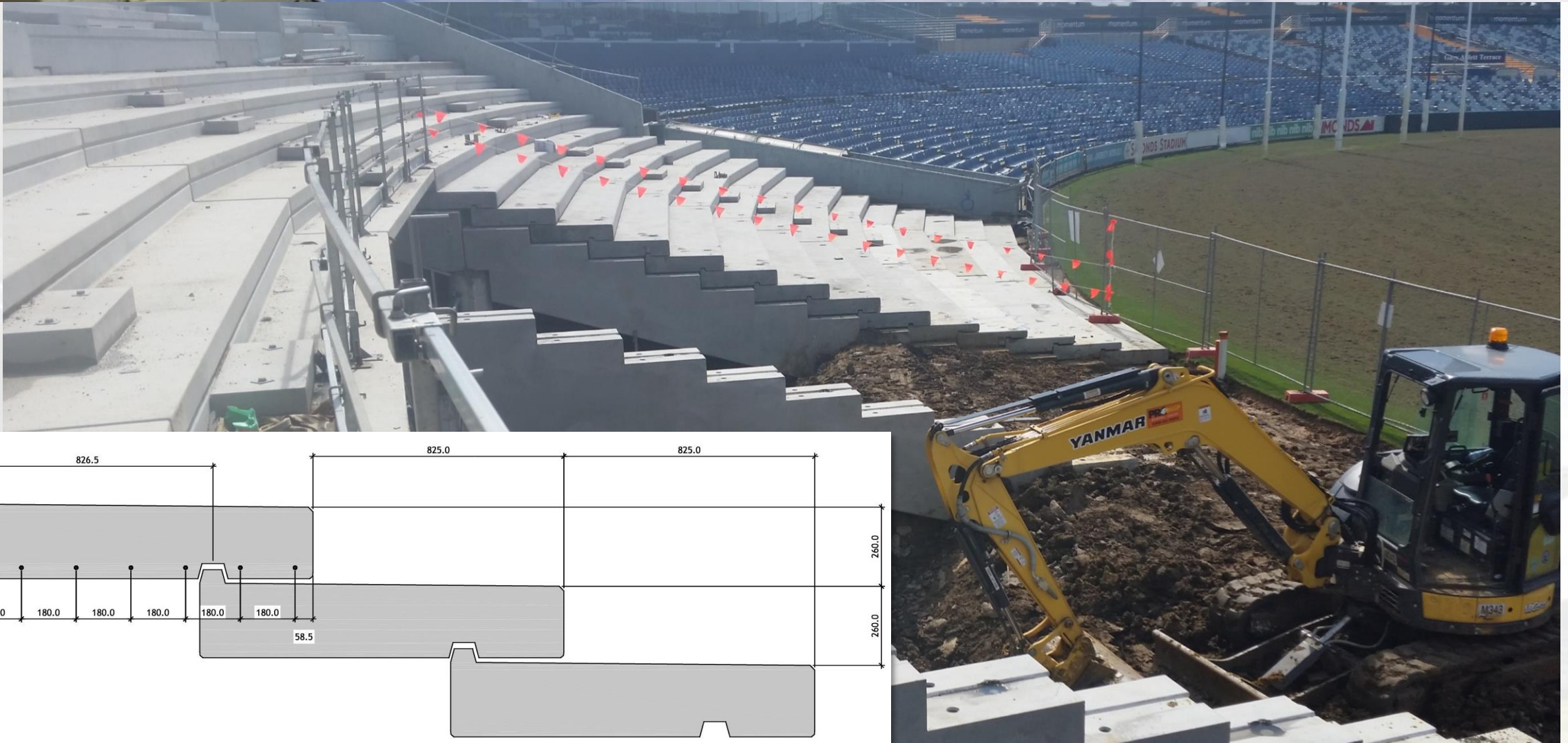




# GMHBA Stadium



# GMHBA Stadium



# Ravenhall Correctional Centre



# Premier Tower





# Premier Tower



# Premier Tower



# 'Skyrail' Caulfield to Dandenong



# 'Skyrail' Caulfield to Dandenong



# M-City

M3  
RESIDENTIAL

M2  
RESIDENTIAL

M1  
RESIDENTIAL

PARK ROYAL

OFFICE

RETAIL

*The Terraces*  
M-CITY MONASH

# Project Scale



Steel  
6,300t



Precast Concrete  
110,000t



Hollowcore  
93,000m<sup>2</sup>



Site Concrete  
21,000m<sup>3</sup>

Substantial Quantities of Standard & Non-Standard Elements

# Project Scale



Panels

~22,000m<sup>2</sup>  
1,500



Columns

~7.2kms  
1,800



Beams

~16kms  
2,000



Planks

~93,000m<sup>2</sup>  
12,200

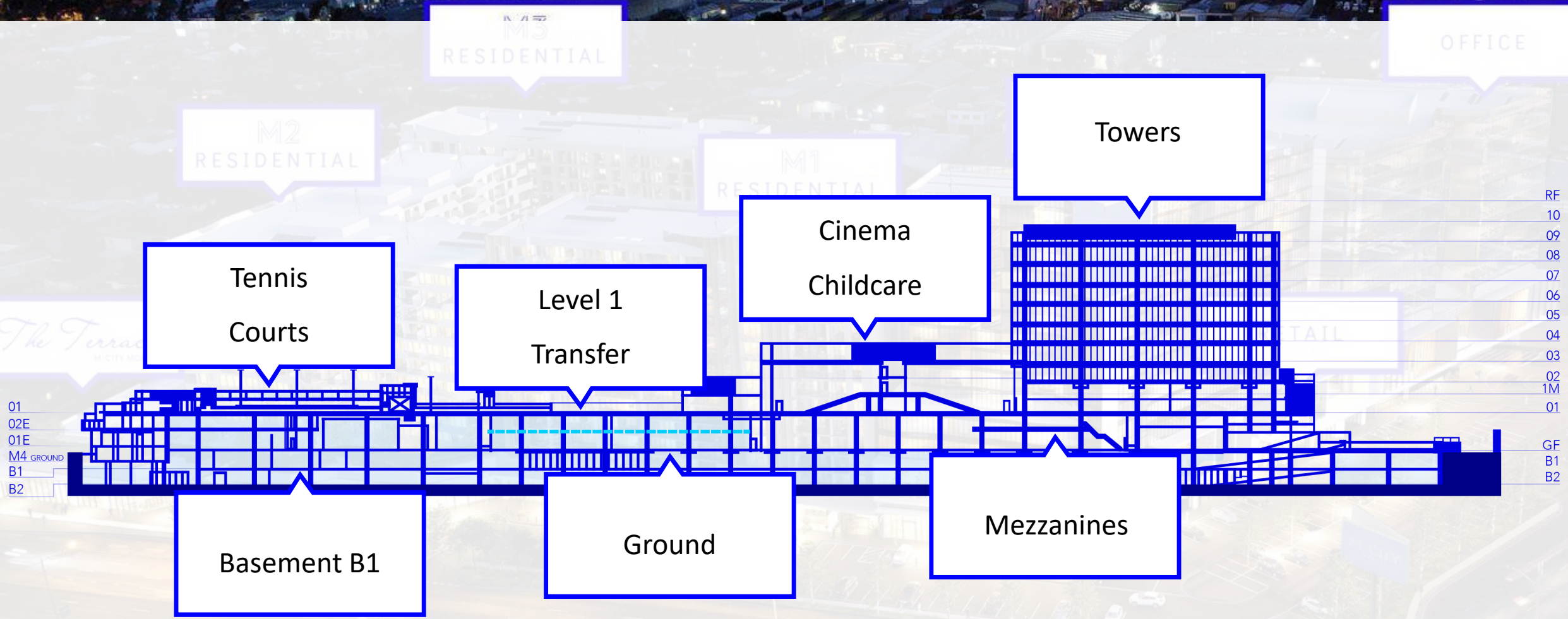


Stairs

~150  
Flights

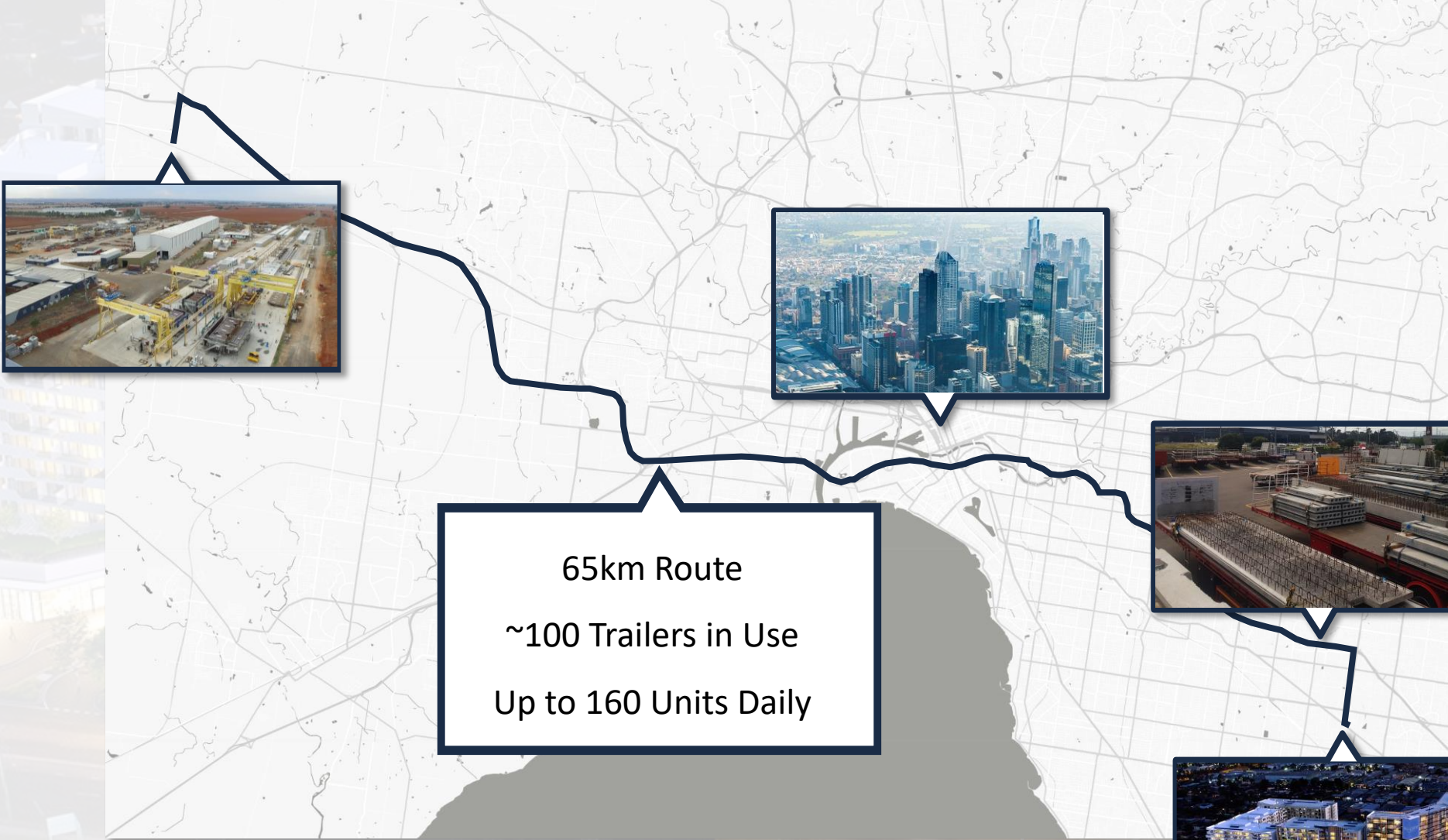
**~18,000 Units Total**

# M-City: Project Overview





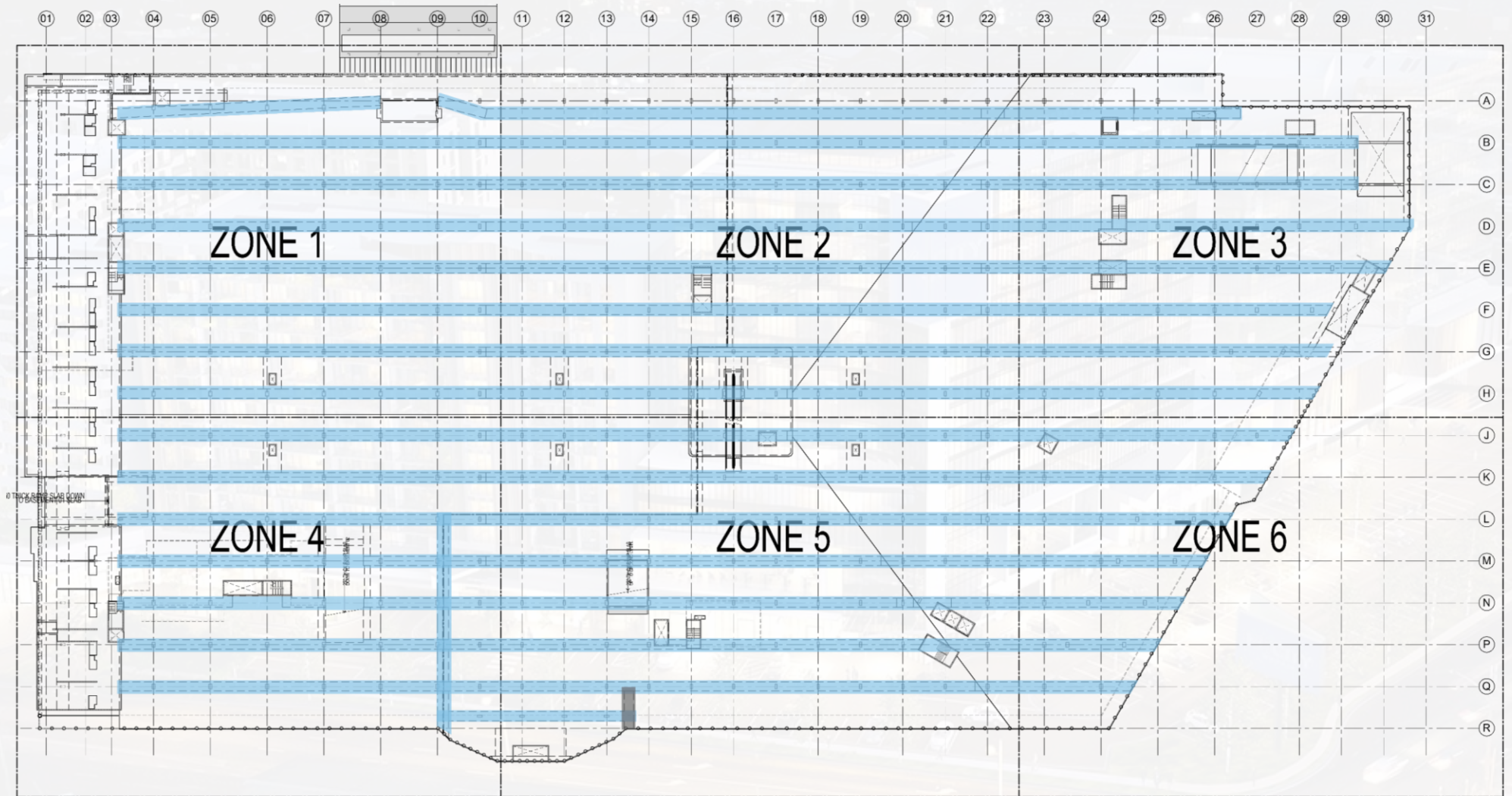
# Logistics



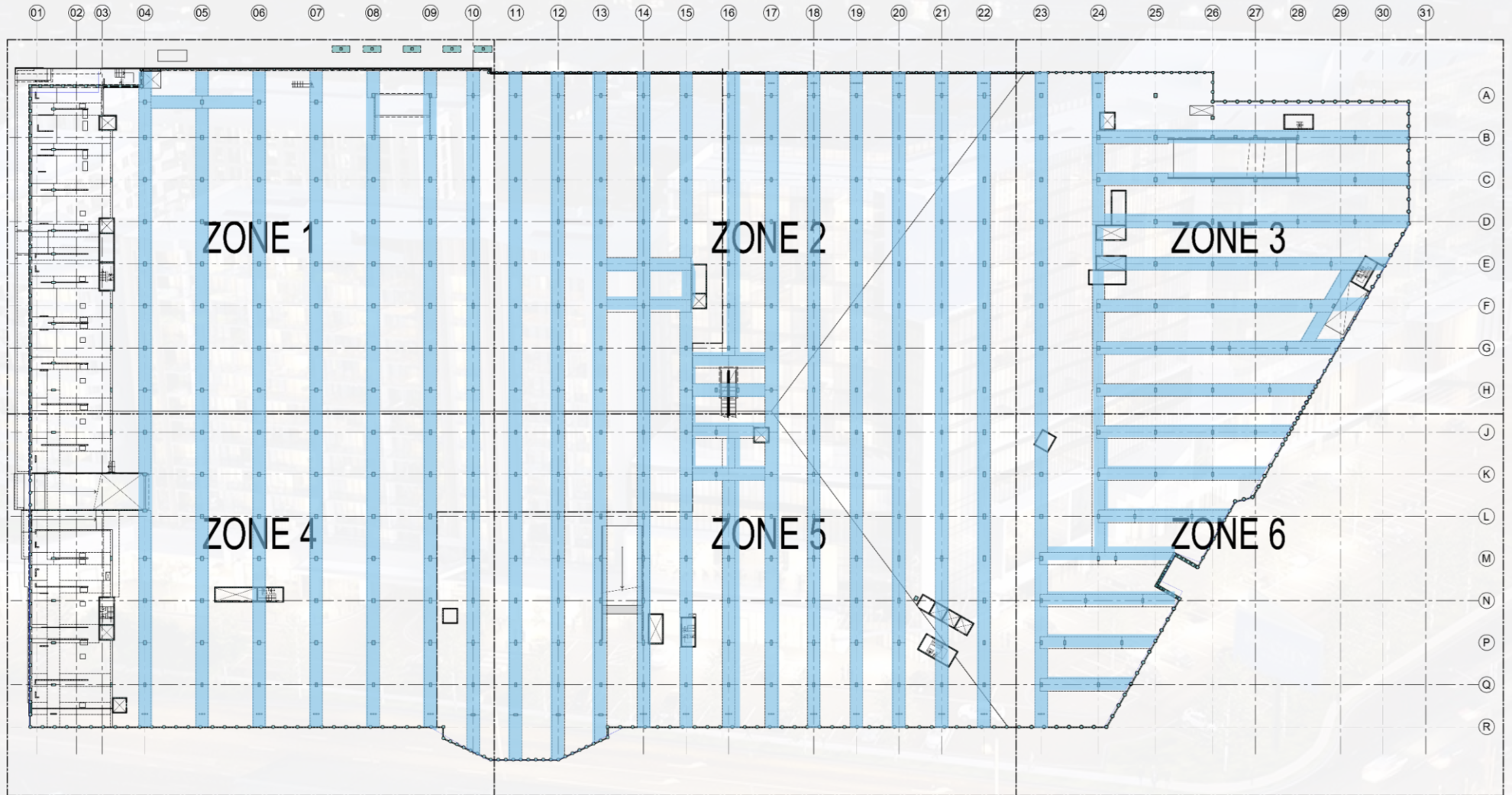
# Straddle Cranes



# Designing for Precast



# Designing for Precast



# Project Delivery



# Project Delivery



Project  
Delivery



# Project Delivery





# Project Delivery



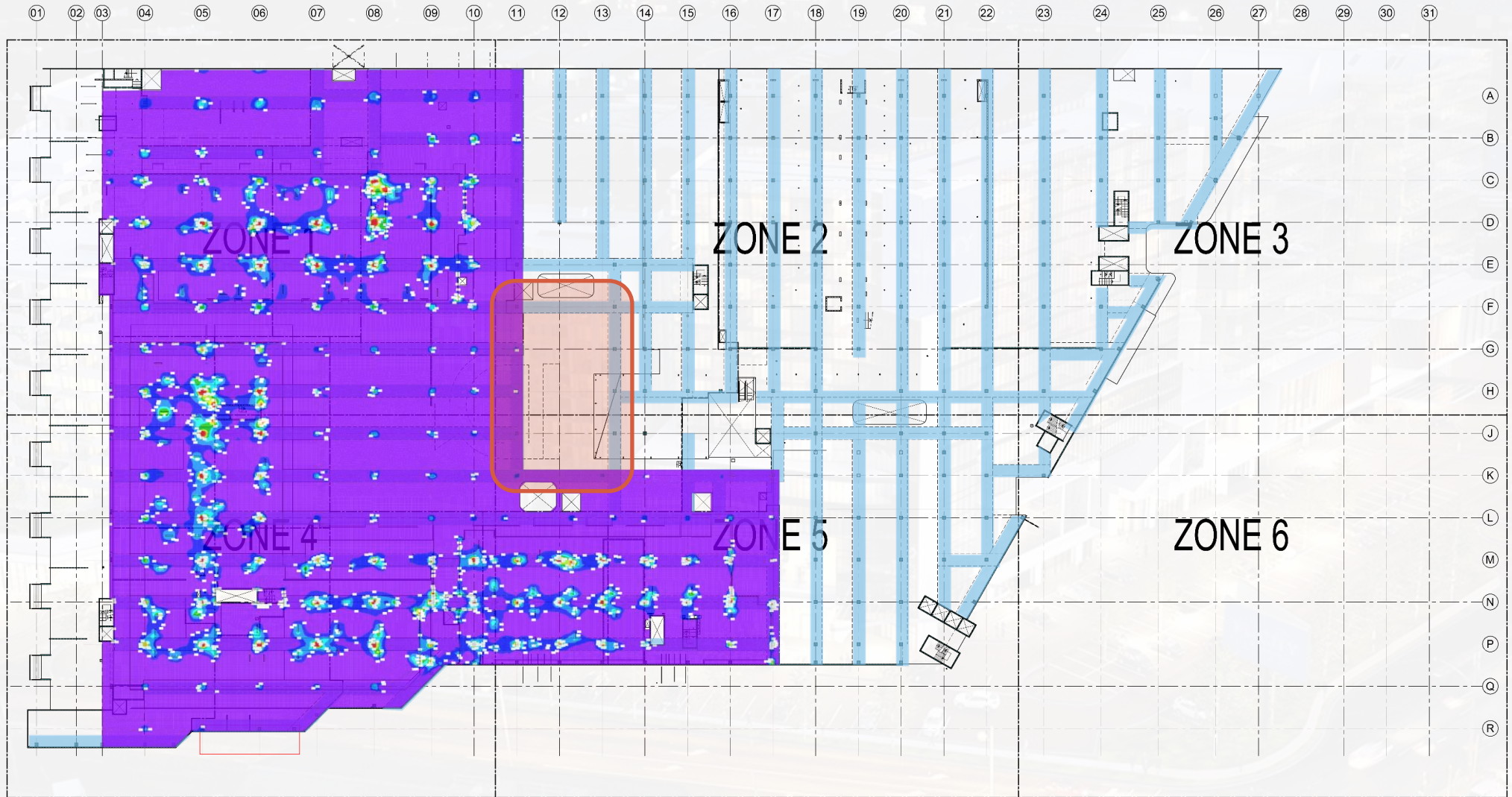
# Project Delivery



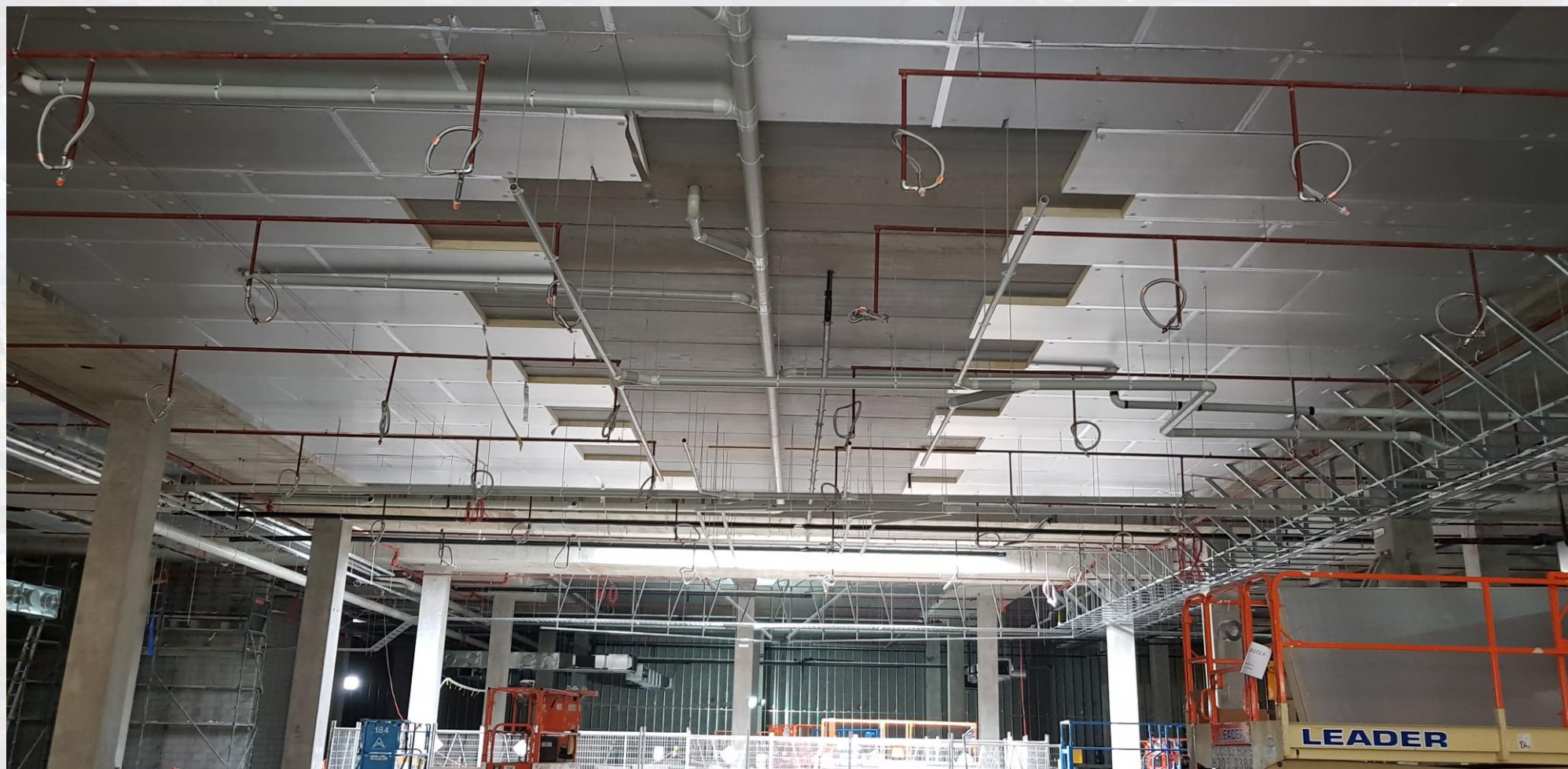
# Multiple Workfronts



# Designing for Precast



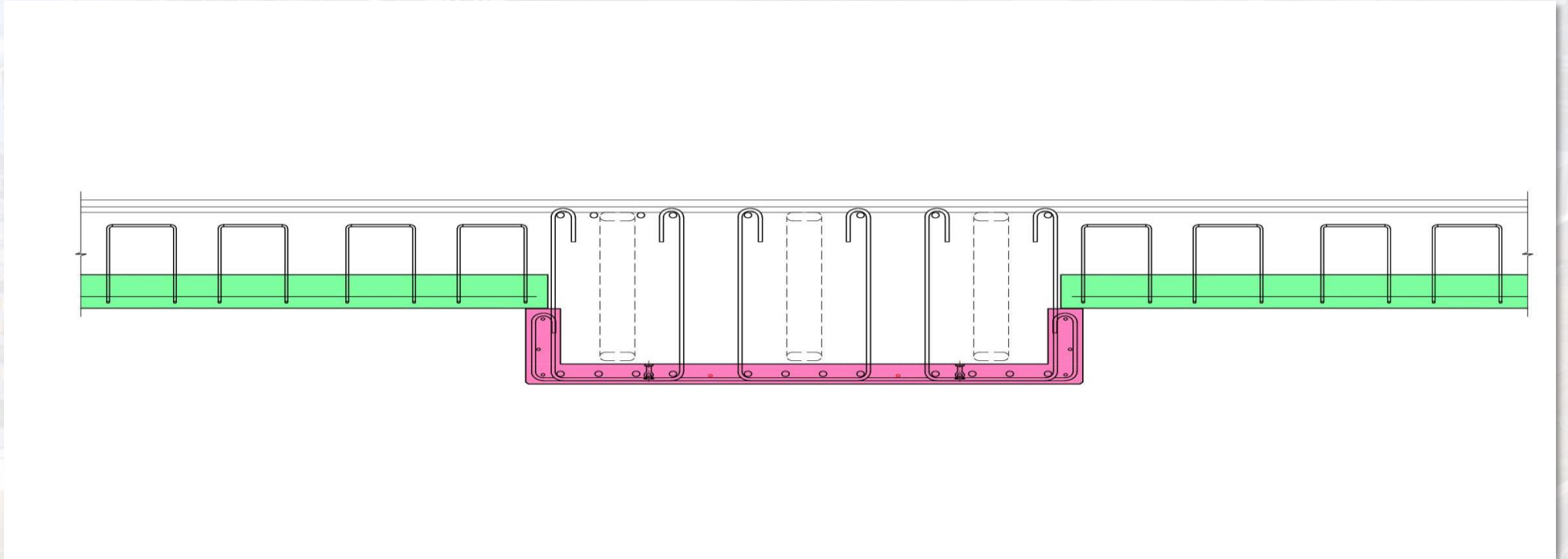
# Project Delivery



# Project Delivery



# Slipforming Approach for Transfer Level



# Slipforming Equipment





# Slipforming Equipment





M-City





Grazie  
Thank You

