



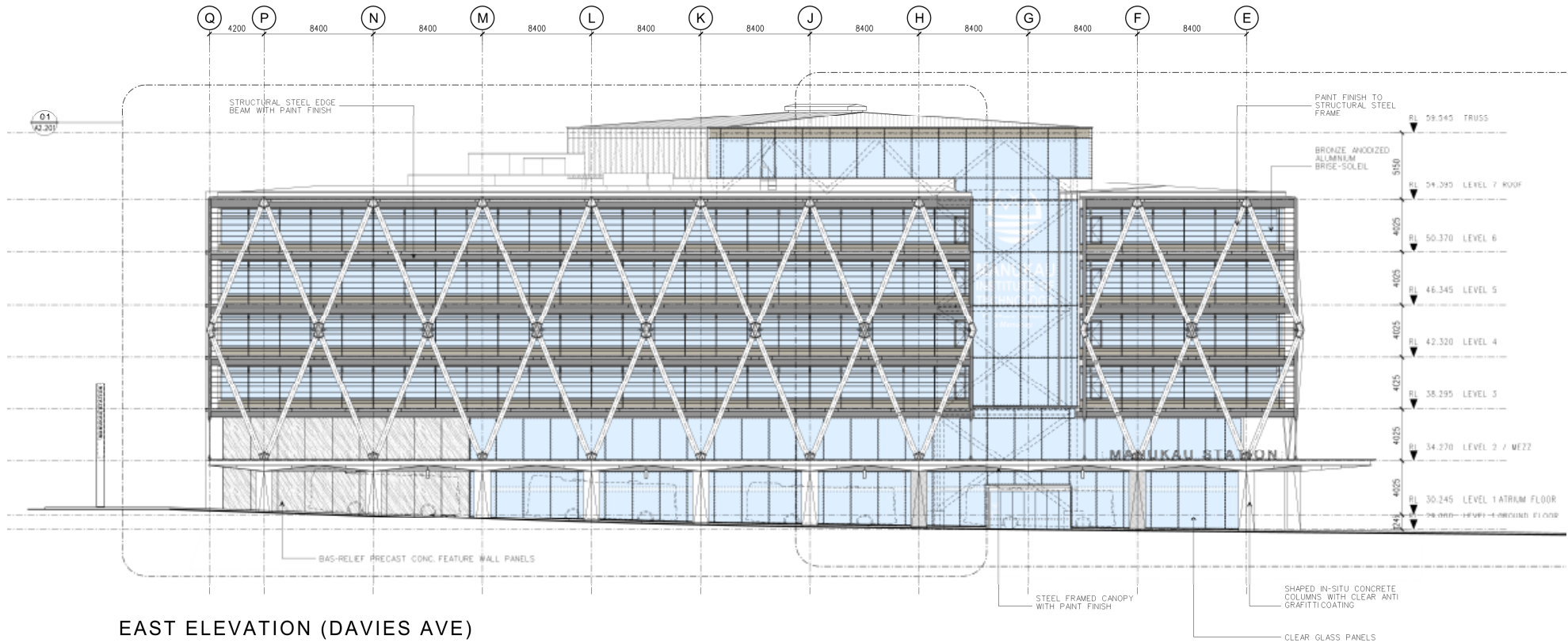
MANUKAU TERTIARY CAMPUS AND TRANSPORT INTERCHANGE



Perspective: A view of the main north eastern entrance of MIT taken from Putney Way.



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EAST ELEVATION (DAVIES AVE)



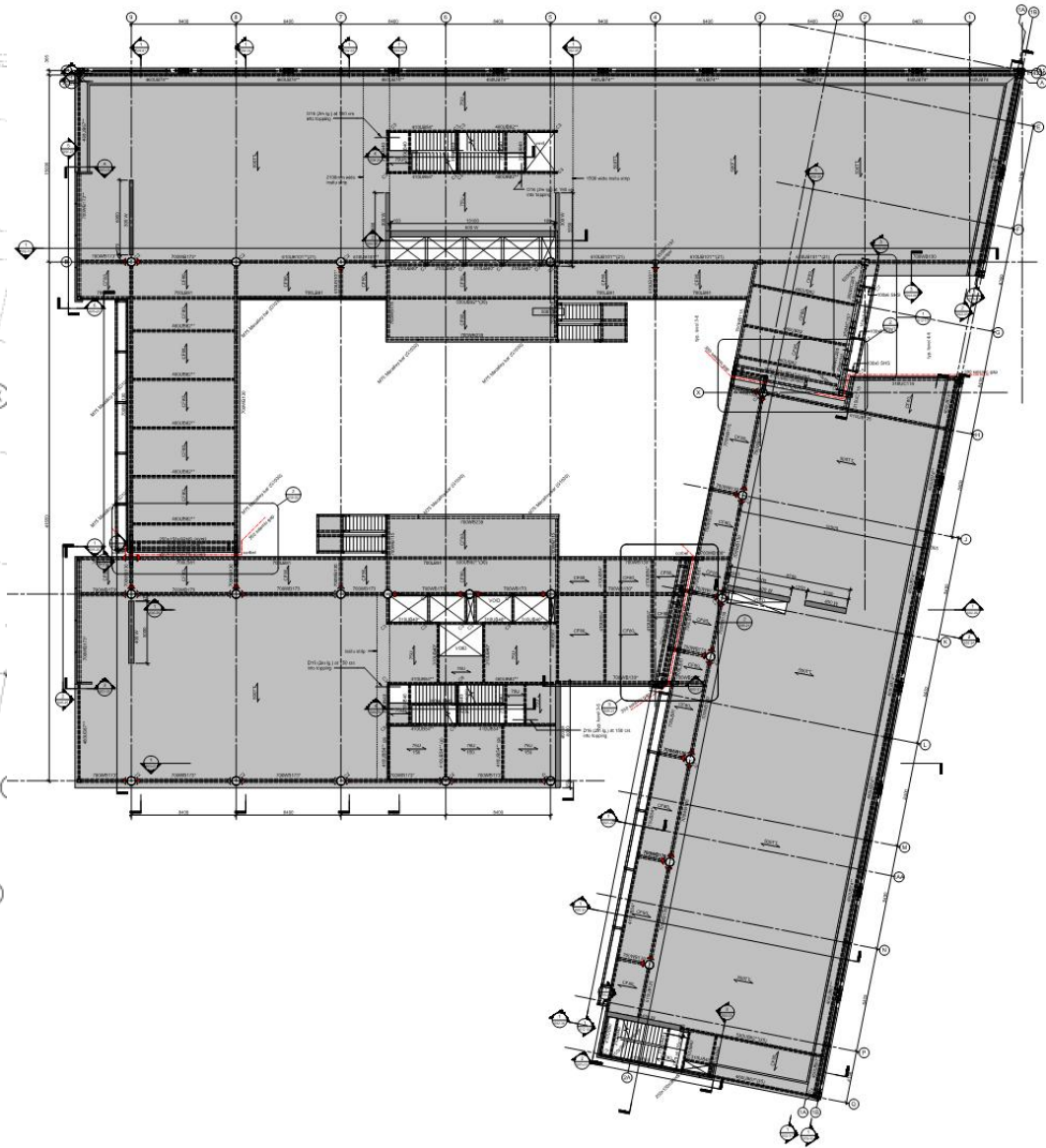
Proposition: 3 view of RTI from the south west corner view along Manukau Station Road



Proposition: 3 view of the east side of the RTI from the Manukau Station Road

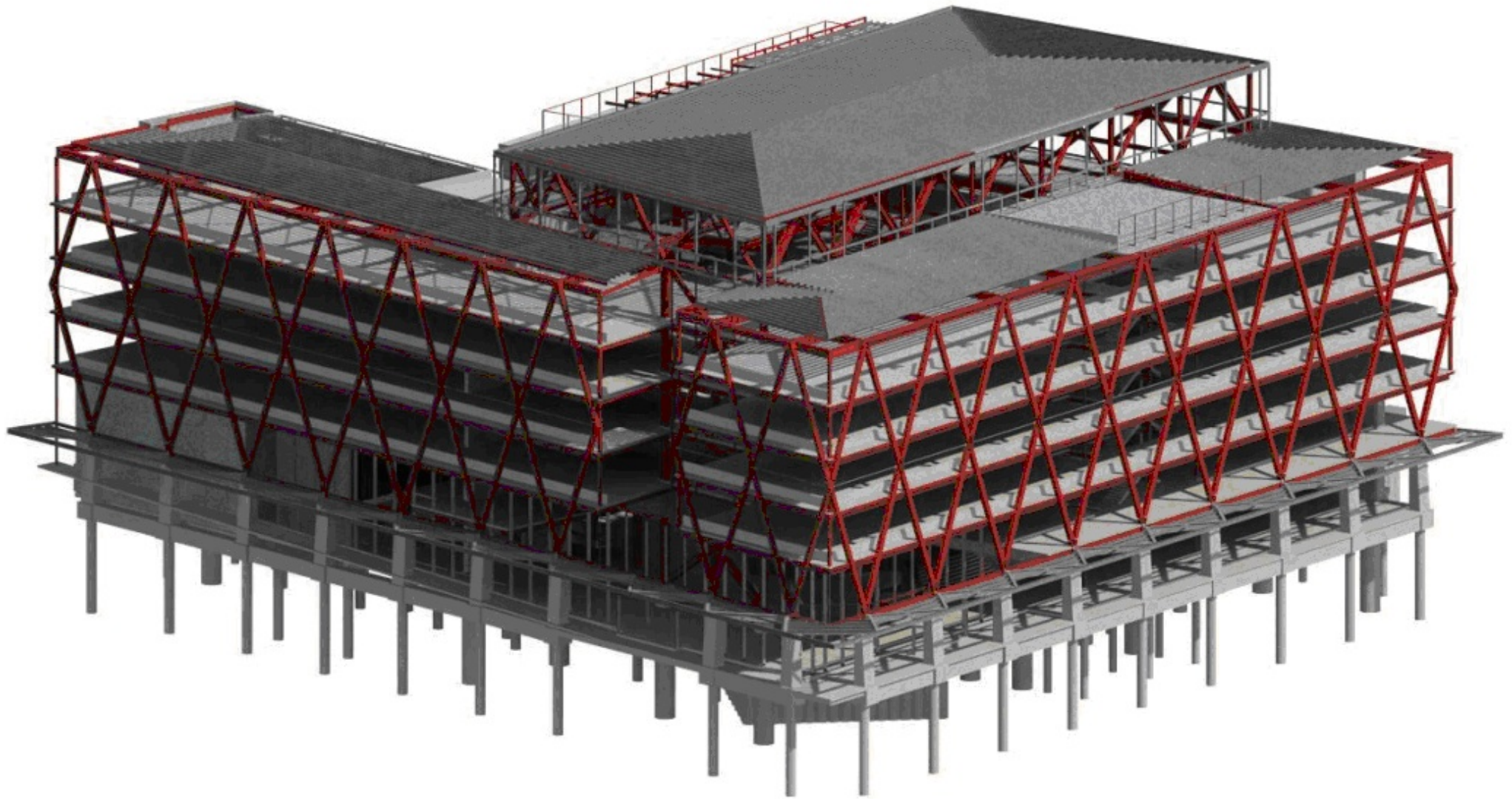


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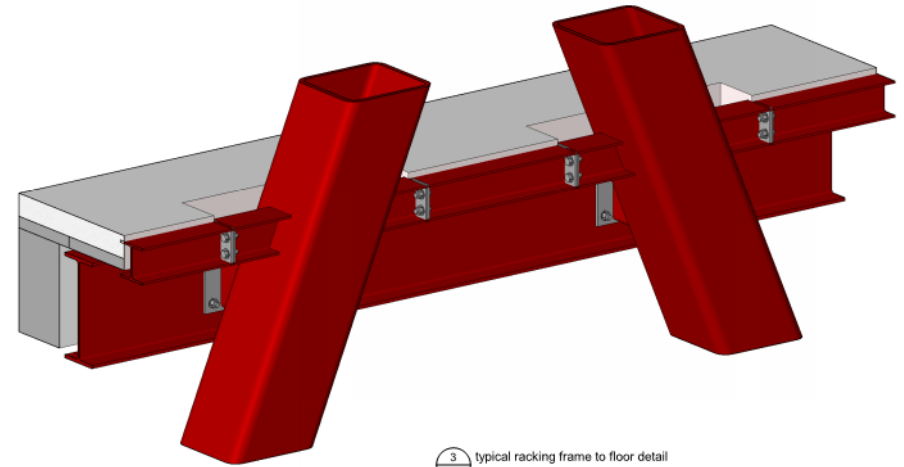
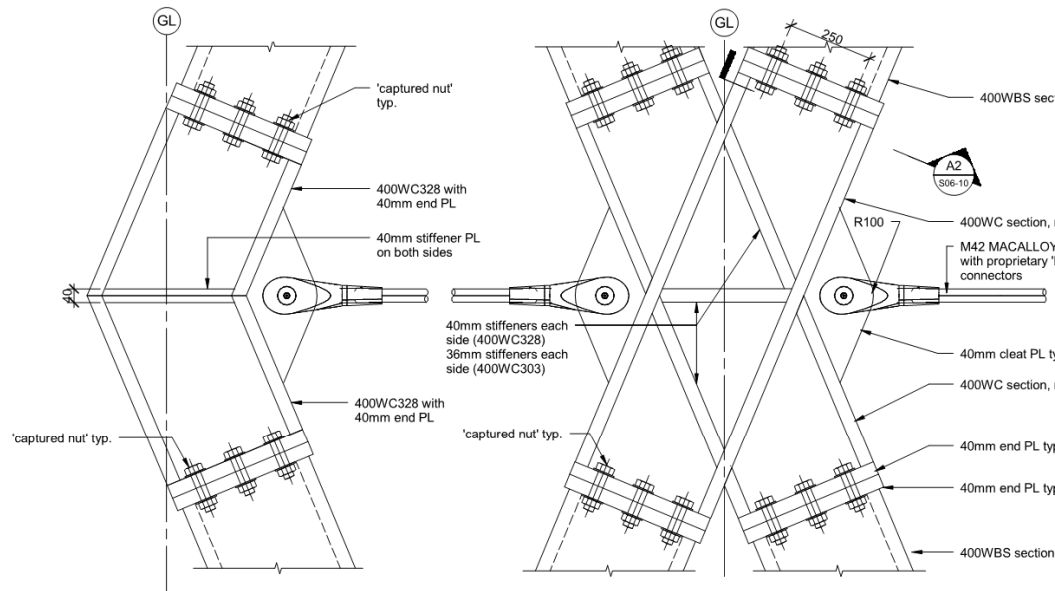
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Structural Model of the Entire Structure



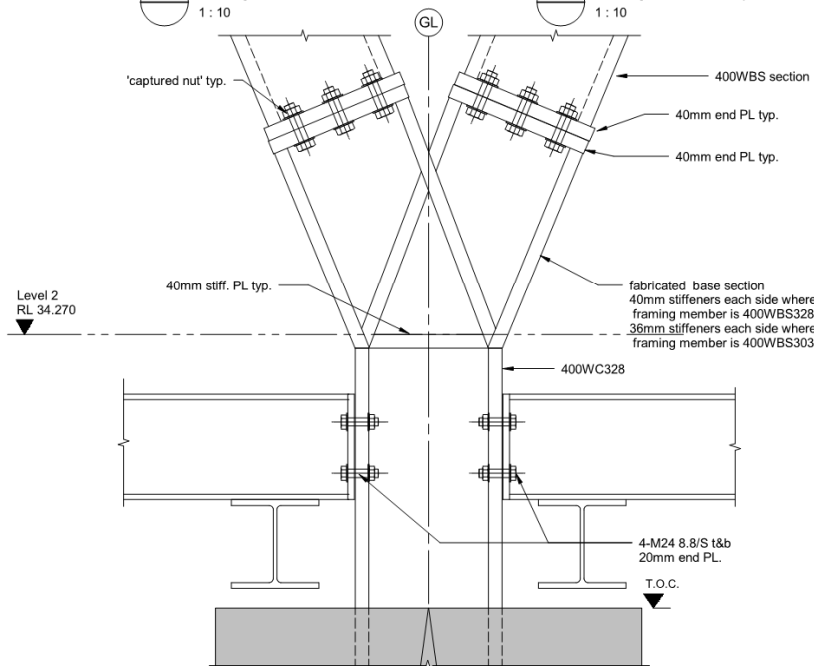
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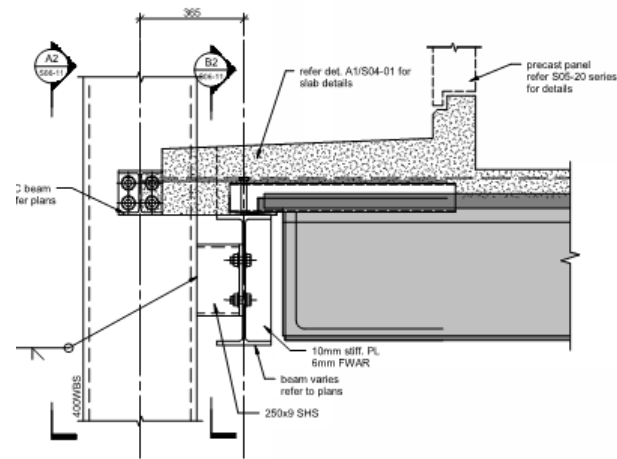
3 typical racking frame to floor detail

1 Raking frame at end
1 : 10

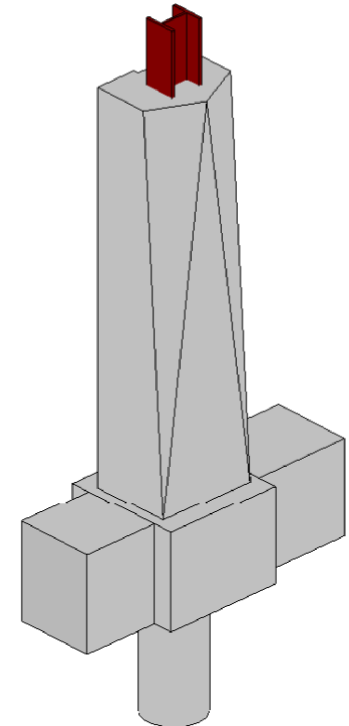
2 Raking frame at X (multi member type)
1 : 10



3 Raking frame base
1 : 10



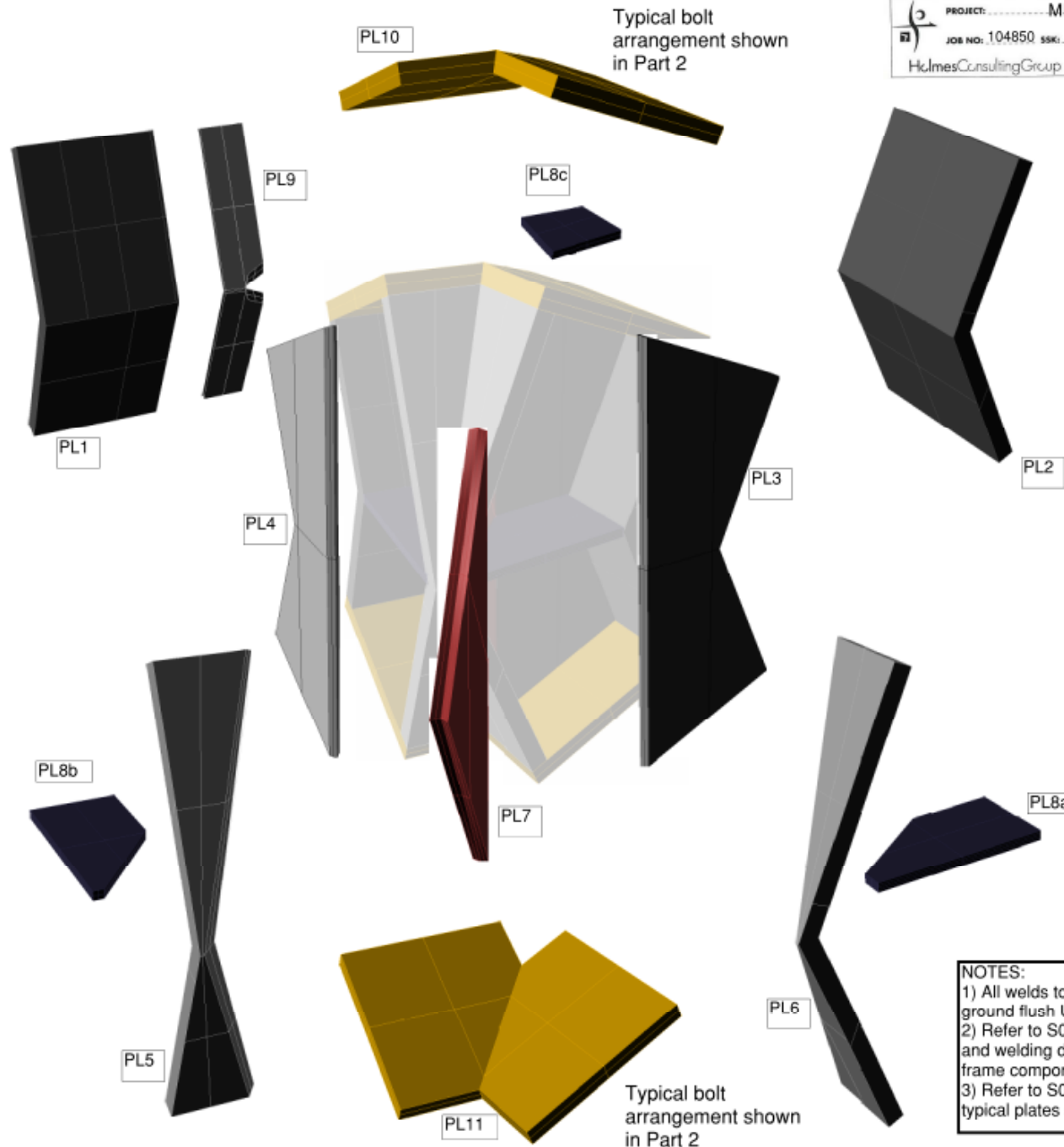
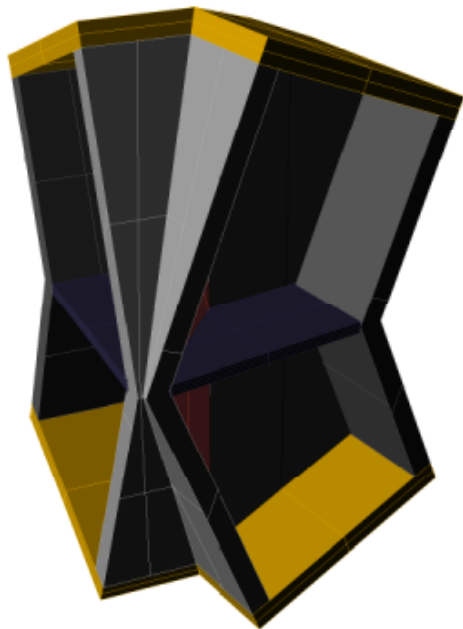
2 Steel beam to raking column connection
1 : 10





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PART 3 COMPONENT



Typical bolt arrangement shown in Part 2

Typical bolt arrangement shown in Part 2

	PROJECT:.....MIT.....
	JOB NO: 104850 SSK: 011 REV: 0
	H. James Consulting Group DATE: 15 Feb 2012

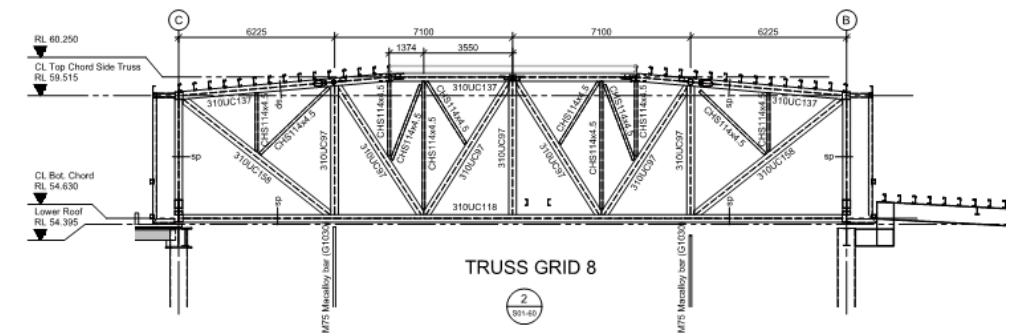
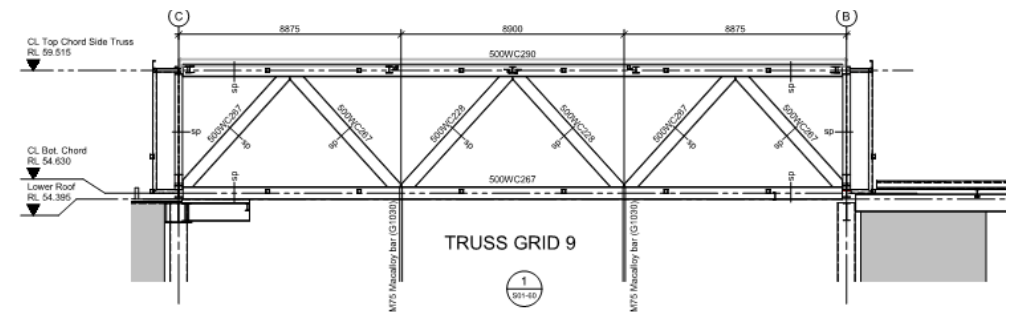
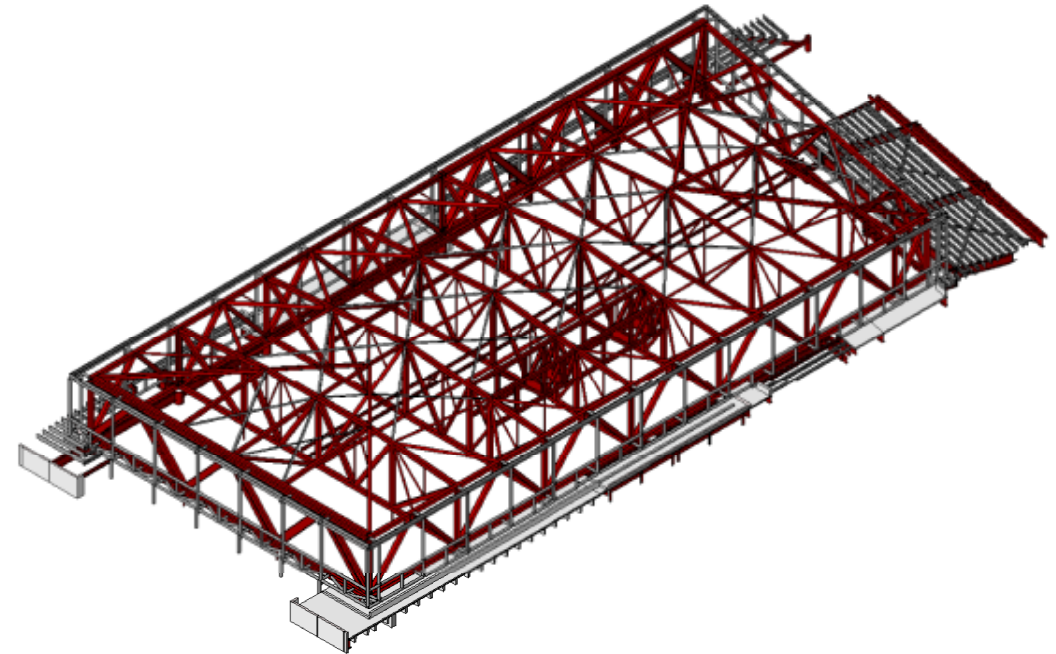
SHEET 3/4

NOTES:

- 1) All welds to be FSBW ground flush U.N.O.
- 2) Refer to S06-01 for sizes and welding details of raking frame components.
- 3) Refer to S06-10 for typical plates sizes.

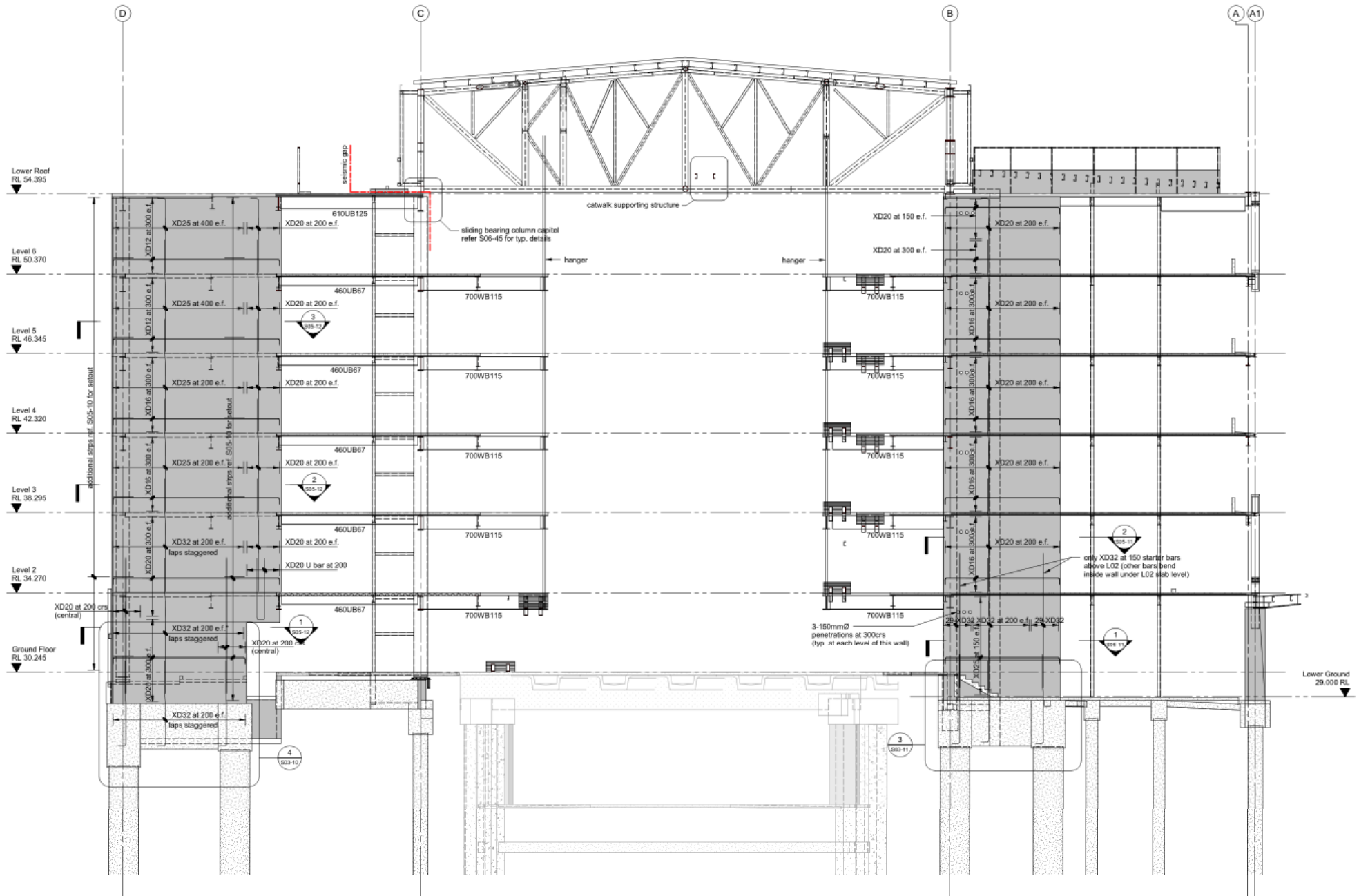


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notes:

1. laps staggered indicates every alternate bar



MANUKAU TERTIARY CAMPUS AND TRANSPORT INTERCHANGE

Project: Manukau Tertiary Campus and Transport Interchange

Scope: Manukau Institute of Technology – New Manukau Campus, Phase 1
Manukau Train Station
Transport and Bus Interchange

Client: Manukau Institute of Technology
Auckland Transport
Auckland Council

Project Team

Architect:	Warren & Mahoney
Structural Engineers:	Holmes Consulting Group
Building Services:	Aurecon
Fire Engineer:	Holmes Fire
Acoustic Consultant:	Marshall Day
Landscape Architect:	Boffa Miskell
Civil Engineers:	Opus
Quantity Surveyors:	WT Partnership
Project Managers:	Beca
Contractor:	Mainzeal Property and Construction.