

18 March 2024

AT&L
Attn: Glen James
Level 4, 17-21 Macquarie Street
PARRAMATTA NSW 2150

COMPLEX PROBLEMS
RESOLVED SIMPLY

Suite 12, Level 14, 327 Pitt St Sydney NSW 2000 triaxial.com.au 1300 874 294

Dear Glen,

Re: Transport Depot

7A-11 Racecourse Rd,5-9 Faunce St & Young St

West Gosford NSW 2250

Letter of Structural Design – Shoring and Retention Structures

Triaxial Reference: TX17790.00.ltr-03.roc

Pursuant to the provisions of Clauses A2.2 of the *National Construction Code*, we note that the structural design for the above project, as documented on the attached drawing transmittal, will be completed in accordance with normal engineering practices and is to meet the requirements of the *National Construction Code* and the following Australian Standards:

AS 1170.0: 2002 Structural Design Actions – General principles

AS 1170.1: 2002 Structural Design Actions – Permanent, imposed, and other actions

AS1170.4: 2007 Structural Design Actions – Earthquake Actions in Australia

AS2159: 2009 Piling – Design and Installation

AS3600: 2018 Concrete Structures

AS3700: 2018 Masonry Structures

AS4678: 2002 Earth-retaining Structures

The structural design is currently within the design development stage.

Yours faithfully

TRIAXIAL CONSULTING

Rory O'Connell

Senior Structural Engineer | Structural Team Leader BEng (Hons) | BCom | MIEAust | NER | CPEng

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PROJECT:

TRANSPORT DEPOT 7A-11 RACECOURSE RD,

5-9 FAUNCE ST & YOUNG ST, WEST GOSFORD

PROJECT No. TX17790.00 TRIAXIAL CONSULTING COMPLEX PROBLEMS RESOLVED SIMPLY

ABN: 24156426274 1300 874 294 | TRIAXIAL.AU

OFFICE ADDRESS

Suite 12, Level 14, 327 Pitt St, Sydney NSW 2000

ATTENTION/DELIVERED TO:

GLEN JAMES

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STRUCTURAL DISCLAIMER
STRUCTURAL DRAWINGS ARE TO BE USED AS A GUIDE ONLY AND CANNOT BE RELIED UPON FOR DIMENSIONS OR SETTING-OUT.
ALL MEMBERS DRAWN ARE TO BE CONFIRMED WITH THE MEMBER SCHEDULE, PLEASE NOTE THAT CAD FILES & MODELS SHARED
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\$1.02	GENERAL NOTES - SHEET 1		A	Α	Α								
\$1.03	GENERAL NOTES - SHEET 2		Α	Α	Α								
\$2.01	OVERALL SITE RETENTION PLAN		В	Α	В								
\$2.02		ALL RW No.01 PLAN - PART 1	В	Α	В								
		HORING WALL RW No.01 PLAN - PART 2		Α	В								
\$3.01	SHORING W	SHORING WALL RW No.01 ELEVATION - E01		Α	В								
S3.02	SHORING WALL RW No.01 ELEVATION - E02		В	Α	В								
\$3.03	Shoring Wall RW No.01 Elevation - E03		В	Α	В								
\$3.04	SHORING W	ALL RW No.01 ELEVATION - E04	В	Α	В								
\$3.05	SHORING W	ALL RW No.01 ELEVATION - E05 PART 1	В	Α	В								
\$3.06	SHORING W	ALL RW No.01 ELEVATION - E05 PART 2	В	Α	В								
S3.07	SHORING W	ALL RW No.01 ELEVATION - E06, E07 & E08	В	Α	В								
\$3.08	SHORING W	ALL RW No.01 ELEVATION - E09	В	Α	В								
\$3.09	SHORING W	ALL RW No.01 ELEVATION - E10	В	Α	В								
\$3.10	Shoring Wall RW No.01 Construction sequence		В	Α	В								
\$5.01	SHORING W	ALL DETAILS	В	Α	В								
\$6.01	RETAINING \	WALL PART PLAN	Α	Α	Α								
\$6.02	RETAINING \	WALL DETAILS - SHEET 1	Α	Α	Α								
\$6.03	RETAINING \	WALL DETAILS - SHEET 2	Α	Α	Α								
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