

Appendix C: Experts relied on

This table lists persons who provided expert evidence, technical reports, technical advice or RFI material for the application, comments or responses, and whose material records compliance with the Environment Court Code of Conduct for Expert Witnesses. It excludes counsel, Ministers, organisational comments without individual expert material, and persons whose material was expressly presented as lay rather than expert evidence.

Expert	Called by	Qualifications and experience stated in record	Technical / expert topics and issues
Karl Cook	Applicant	Master of Planning and Bachelor of Planning, University of Auckland; full member NZPI since 1995; Director, Barker & Associates; extensive city-centre planning and resource management experience.	Planning and AEE; statutory and policy assessment; consent requirements; effects assessment; conditions and responses to comments.
Pamela Santos		Bachelor of Planning (Hons), University of Auckland; Intermediate Member NZPI; more than 10 years' planning experience; Senior Associate, Barker & Associates.	Planning and co-authorship of AEE; resource consent and statutory assessment; response material and conditions.
Alvin Jung		Bachelor of Planning (Hons), University of Auckland; Intermediate Member NZPI; more than 10 years' planning experience.	Planning assessment and application preparation, including consent requirements and statutory matters.
Phil Osborne		BA (History/Economics), MCom and Master of Planning Practice, University of Auckland; 25 years' experience in property economics and economic impact assessment.	Economic impact assessment; project benefits, employment, value added, market and development effects.
Tim Heath		BA (Geography) and Bachelor of Planning, University of Auckland; founder and Managing Director, Property Economics; 30 years' property-market and economic assessment experience.	Property economics; market demand and supply; economic benefits, development feasibility and cost-benefit matters.
Matthew Jones		Bachelor of Landscape Architecture, Unitec; registered landscape architect, Tuia Pito Ora NZILA; 20 years' landscape planning, design and urban design experience; Principal, Isthmus.	Landscape and visual effects; streetscape, cityscape, skyline and waterfront context; visual simulations and landscape mitigation.
Cam Wallace		Bachelor of Planning (First Class Hons) and Master of Urban Design (First Class Hons), University of Auckland; full member NZPI; Registered Urban Designer (UDIA); 17 years' experience.	CPTED, pedestrian safety, public realm and laneway design; response to Council urban and universal design comments.
Harry Shepherd		BE (Hons), Civil and Environmental Engineering, University of Auckland; member Engineering New Zealand Transportation Group; 10 years' transport planning and engineering experience.	Operational and construction transport; access, parking, servicing, loading, pedestrian and cycle effects; CTMP and responses to transport comments.
Daryl Hughes		BE (Hons) Civil Engineering; Chartered Engineer; Chartered Member Engineering New Zealand and Institution of Civil Engineers (UK); extensive traffic and transport experience.	Independent peer review of the hotel porte cochere / pick-up and drop-off facility and its management plan.
Shaun King		Acoustic consultant, Marshall Day Acoustics; author of the project acoustic assessment and subsequent response material; qualifications and detailed experience are stated in the acoustic material.	Operational and construction noise and vibration; CNVMP, predicted exceedances, mitigation and condition responses.
Peter Millar		ME (First Class), University of Auckland; Distinguished Fellow Engineering New Zealand; member NZ Geotechnical Society and NZ Society for Earthquake Engineering; 52 years' geotechnical engineering experience.	Geotechnical and groundwater assessment; excavation, retaining walls, settlement, dewatering, ground movement and response material.
Ashleigh McLean		Civil Engineer, Tonkin & Taylor, specialising in civil and water infrastructure; qualifications and experience stated in the response memoranda.	Stormwater, wastewater and water servicing; Healthy Waters response; infrastructure conditions and management plans.
Lisa Dowson		Senior Water Resources Consultant, Tonkin & Taylor; qualifications and experience stated in the response material.	Technical review of stormwater, flood resilience and Healthy Waters response material.
Ellen Cameron		MSc Environmental Archaeology and Palaeoeconomy, University of Sheffield; member NZ Archaeological Association; 27 years' professional archaeological and heritage consultancy experience.	Archaeological assessment and management plan; Auckland Graving Dock site; archaeological monitoring, recording and authority requirements.
Rodger Powell		Managing Director, THSA Hotel Advisors; record states extensive specialist experience in luxury and five-star hotel markets across New Zealand, Australia and the Pacific.	Five-star hotel operational requirements; porte cochere and guest pick-up/drop-off standards; hotel market and operational matters.
Kay Panther Knight	Millennium & Copthorne Hotels New Zealand Ltd	Master of Planning Practice (Hons), University of Auckland; Intermediate Member NZPI; member RMLA; more than 22 years' planning experience.	Planning review of effects on M Social; conditions, management plans, certainty, enforceability and implementation.

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Leo Hills		BE Civil (Hons) and Master of Engineering (Civil), University of Auckland; Chartered Professional Engineer; more than 28 years' traffic and transport experience.	Construction traffic, access and servicing effects on M Social; managed access and traffic conditions.
Darren Andrew Mitchell		BE Civil (First Class Hons); CPEng; CMEngNZ; more than 26 years' structural engineering experience; Director, Structus.	Structural effects on M Social; demolition, excavation and construction interfaces; deformation monitoring and structural conditions.
Jon Robert Styles		Bachelor of Applied Science (Environmental Health); more than 25 years' noise and vibration experience; Director, Styles Group; experienced expert witness.	Construction noise and vibration effects on hotel operations; limits, scheduling, monitoring, CNVMP and conditions.
Hai An Nguyen-Bui		MSc Geological Engineering/Civil and Environmental Sciences; MSc Geological Sciences; BSc Geological Sciences and Geotechnics; more than 14 years' geotechnical experience.	Ground model, retaining wall performance, groundwater effects, excavation methodology, monitoring and contingency measures.
Gaurav Raj Mathur		BE Civil; PMP; geotechnical engineer. Further qualifications and experience are set out in the CMW material.	Geotechnical peer review, modelling and construction risk relating to the M Social boundary.
Dr Martin D. Larisch		Specialist geotechnical and deep-foundation engineer; detailed qualifications and experience are set out in the CMW attachments.	Deep excavation, retaining wall and foundation methodology; geotechnical risk and monitoring.
Ross Edward Cooper	The Sebel / Quattro RE Ltd	Bachelor of Planning, University of Auckland; member NZPI; 21 years' planning experience, including nine years in Auckland local government and significant city-centre experience.	Planning advice and conditions for The Sebel and Quattro; construction effects, amenity, access and condition drafting.
Donald (Don) John McKenzie	Quattro RE Ltd	BE Civil (Hons), University of Canterbury; CPEng; Fellow Engineering New Zealand; International Professional Engineer; Fellow Institute of Transportation Engineers; more than 30 years' experience.	Transport and access effects; construction traffic, servicing and effects on adjoining commercial activities.
Sarah Wilson	Auckland Council	Bachelor of Planning, University of Auckland; 23 years' planning experience in New Zealand and the United Kingdom; Senior Planner, Auckland Council.	Council statutory planning assessment; effects, AUP provisions, benefits, proportionality, conditions and overall recommendation.
Rodney Yeoman		BCom and LLB, University of Auckland; postgraduate honours in Economics, Australian National University; 20 years' economics experience; member NZAE, PANZ and NZAIA.	Peer review of economic assessment, claimed benefits and costs, additionality and economic effects.
Nicholas Simpson	Auckland Transport / Auckland Council	Bachelor of Urban Planning (Hons), University of Auckland; Intermediate Member NZPI; more than nine years' planning experience.	Auckland Transport planning review; operational and construction transport, network integration, access and conditions.
Martin Peake		Traffic engineer and Director, Progressive Transport Solutions; qualifications and experience stated in the AT specialist memorandum.	Traffic engineering peer review for Auckland Transport, including construction and operational network effects.
Sejal Sangwai		Water infrastructure engineer, Weir Consulting Engineers; qualifications and experience stated in the AT specialist memorandum.	Water infrastructure effects associated with Auckland Transport assets and works interfaces.
Stephen Quin	Auckland Council	Bachelor of Landscape Architecture; registered member Tuia Pito Ora NZILA; more than 19 years' landscape assessment, policy, management and public-space design experience.	Landscape and visual effects, city form, skyline, waterfront context and HEHCP-related effects.
Mustafa Demiralp		Bachelor of Urban Design and Landscape Architecture; Master of Urban Design; more than 17 years' urban design experience in public and private sectors.	Urban design, built form, streetscape, public realm, through-site links and design quality.
Nidhi Nautiyal		Bachelor of Architecture; Master in Sustainable Architecture; doctorate in Architecture; 18 years' architecture/planning experience and six years' universal design specialisation.	Universal access and inclusive design; pedestrian circulation, public access, safety and accessibility.
Hillary Johnston		Healthy Waters Fast Track Lead; qualifications and relevant experience stated in the Council specialist memorandum.	Stormwater management, flooding and flood resilience; RWNDC/SMP pathway and infrastructure conditions.
Louis Boamponsem		Air quality specialist; qualifications and relevant experience stated in the Council specialist memorandum.	Construction dust and air quality; dust management plan and consent conditions.
Bin Qiu		Senior noise and vibration specialist, Auckland Council; qualifications and relevant experience stated in the Council specialist memorandum.	Construction and operational noise and vibration; CNVMP and condition review.
Rajesh Jeyaram		Senior development engineer; qualifications and relevant experience stated in the Council specialist memorandum.	Development engineering, civil infrastructure, servicing and engineering conditions.

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Dave Ouwejan		Bachelor of Engineering; CPEng (Geotechnical); CMEngNZ; 24 years' geotechnical engineering experience.	Geotechnical peer review; excavation, retaining walls, settlement, stability, monitoring and conditions.
Richard Simonds		Principal Engineering Geologist, Fraser Thomas Ltd; qualifications and relevant experience stated in the Council specialist memorandum.	Groundwater diversion and dewatering; groundwater drawdown, settlement and monitoring.
Cas Hannink		Bachelor of Urban Planning (First Class Hons); member NZPI; experience in parks planning, resource consents and private practice.	Parks planning, street trees, public open-space network, shading and asset-owner approval.
Elizabeth Driver		Senior Waste Planning Advisor, Auckland Council; qualifications and relevant experience stated in the Council specialist memorandum.	Operational and construction waste management; waste plans and conditions.
Neil Jamieson		BSc (Hons) Physics and MSc Physics; more than 40 years' wind assessment, wind-tunnel and industrial aerodynamics experience; member Australasian Wind Engineering Society.	Pedestrian wind effects, wind tunnel testing, safety and comfort criteria, mitigation and conditions.
Rhys Caldwell		Trade Certificate in Amenity Horticulture; Advanced Certificate in Arboriculture; 36 years' horticulture/arboriculture experience; member NZ Arboricultural Association.	Arboricultural effects, street-tree removal and protection, replacement planting and asset approvals.
Dan Windwood		Senior Built Heritage Specialist; qualifications and relevant experience stated in the Council specialist memorandum.	Built heritage effects, including make-good works to 204 Quay Street and heritage conditions.
Zac Woods		BSc Earth and Ocean Science and Environmental Science; PGDip Environmental Science; 10 years' erosion and sediment control experience; member IECA.	Earthworks, erosion and sediment control, ESCMP and related conditions.
Sarah Pinkerton		Contaminated land specialist; qualifications and relevant experience stated in the Council specialist memorandum.	Contaminated land, HAIL activities, soil and groundwater contamination, investigation and management conditions.
Mica Plowman		BA and MA in Anthropology (Archaeology); full member NZ Archaeological Association; 30 years' historic heritage and archaeological resource-management experience.	Archaeological and historic heritage assessment; archaeological authority, monitoring and conditions.
Ruben Naidoo		Bachelor of Technology in Environmental Health; 19 years' contaminated land and hazardous-substances experience; full member NZIEH.	Hazardous substances storage and management; HSMP, flood interaction and conditions.
Trevor Lee-Joe		Master of Engineering (Civil), University of Auckland; member Engineering New Zealand; 28 years' traffic and transportation engineering experience.	Internal traffic arrangements, access, parking, circulation, service lane and operational transport effects.
Yashika Joshi		BCom, University of Auckland, majoring in commercial law; more than four years' regulatory monitoring experience.	Condition structure, triggers, certification, compliance monitoring and implementation.