

29/03/2018

Health Infrastructure  
c/- PwC  
One International Towers Sydney  
Waterman's Quay Barangaroo, NSW 2000

enstruct group pty ltd

ABN 32 094 570 671  
Tel: +61 2 8904 1444  
Fax: +61 2 8904 1555  
www.enstruct.com.au  
Level 4, 2 Glen Street,  
Milsons Point,  
NSW, 2061,  
Australia

For the attention of: - Matt Ellis

Dear Matt,

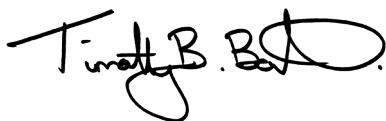
***Randwick Campus Redevelopment – Acute Services Building  
Structural Certification for SSSA***

We hereby certify that the structural design shown on the structural drawings for the works associated with the above project (refer attached drawing list) will be undertaken in accordance with normal engineering practice and will meet the structural requirements of the Building Code of Australia 2016 and relevant Australian Standards.

In particular the design is in accordance with the following Australian Standards:

- Building Code of Australia 2016 including (but not limited to):
  - BCA Section B
  - Importance Level 4 Building (BCA clause B1.2)
  - Fire resisting construction (BCA specification C1.1)
- AS/NZS 1170.0 – Structural Design Actions: Part 0: General Principles
- AS/NZS 1170.1 – Structural Design Actions: Part 1: Permanent, Imposed and Other Actions
- AS/NZS 1170.2 – Structural Design Actions: Part 2: Wind Actions
- AS 1170.4 – Structural Design Actions: Part 4: Earthquake Actions in Australia
- AS 3600 – 2009 – Concrete Structures
- AS 4100 – 1998 – Steel Structures
- AS 3700 – 2011 – Masonry Structures
- AS 2159 – 2009 - Piling - Design & Installation

Yours Sincerely,



for  
enstruct group pty ltd

Timothy Boulton BE (Civil) MIEAust CPEng NER  
Director

Document No	Title	Rev
RCR-ENS-ST-50-DWG-000-00	BUILDING 50 - COVER SHEET	H
RCR-ENS-ST-50-DWG-000-01	BUILDING 50 - DRAWING LIST	D
RCR-ENS-ST-50-DWG-001-01	BUILDING 50 - GENERAL NOTES	G
RCR-ENS-ST-50-DWG-001-50	BUILDING 50 - SITE PLAN	F
RCR-ENS-ST-50-DWG-002-00	BUILDING 50 - SITE RETENTION GENERAL ARRANGEMENT	G
RCR-ENS-ST-50-DWG-002-10	TYPICAL SITE RETENTION DETAILS	D
RCR-ENS-ST-50-DWG-002-20	BUILDING 50 - SITE RETENTION ELEVATIONS - SHEET 1	E
RCR-ENS-ST-50-DWG-002-21	BUILDING 50 - SITE RETENTION ELEVATIONS - SHEET 2	E
RCR-ENS-ST-50-DWG-002-22	BUILDING 50 - SITE RETENTION ELEVATIONS - SHEET 3	F
RCR-ENS-ST-50-DWG-003-00	BUILDING 50 - FOUNDATION GENERAL ARRANGEMENT - NORTHERN ZONE	H
RCR-ENS-ST-50-DWG-003-01	BUILDING 50 - FOUNDATION GENERAL ARRANGEMENT - SOUTHERN ZONE	G
RCR-ENS-ST-50-DWG-003-31	BUILDING 50 - PAD FOUNDATION SECTIONS AND DETAILS	F
RCR-ENS-ST-50-DWG-005-01	BUILDING 50 - COLUMN SCHEDULE AND DETAILS	F
RCR-ENS-ST-50-DWG-005-02	BUILDING 50 - COLUMN SCHEDULE AND DETAILS - SHEET 2	D
RCR-ENS-ST-50-DWG-005-03	BUILDING 50 - COLUMN SCHEDULE AND DETAILS - SHEET 3	D
RCR-ENS-ST-50-DWG-005-04	BUILDING 50 - COLUMN SCHEDULE AND DETAILS - SHEET 4	D
RCR-ENS-ST-50-DWG-005-05	BUILDING 50 - COLUMN SCHEDULE AND DETAILS - SHEET 5	B
RCR-ENS-ST-50-DWG-005-41	BUILDING 50 - COLUMN TRANSITION DETAILS	E
RCR-ENS-ST-50-DWG-005-51	BUILDING 50 - TYPICAL R.C. WALL DETAILS	E
RCR-ENS-ST-50-DWG-005-53	BUILDING 50 - TYPICAL R.C. WALL DETAILS	E
RCR-ENS-ST-50-DWG-005-54	BUILDING 50 - TYPICAL R.C. WALL LINK BEAM DETAILS	E
RCR-ENS-ST-50-DWG-005-61	BUILDING 50 - CORE WALL ELEVATIONS SHEET 1 (CW1)	C
RCR-ENS-ST-50-DWG-005-62	BUILDING 50 - CORE WALL ELEVATIONS SHEET 2 (CW1)	C
RCR-ENS-ST-50-DWG-005-63	RCR-ENS-ST-50-DWG-005-63[A] - BUILDING 50 - CORE WALL ELEVATIONS SHEET 3 (CW2 - CW3)	C
RCR-ENS-ST-50-DWG-005-64	BUILDING 50 - CORE WALL ELEVATIONS SHEET 4 (CW4 - CW5)	C
RCR-ENS-ST-50-DWG-005-65	BUILDING 50 - CORE WALL ELEVATIONS SHEET 5 (CW6)	C
RCR-ENS-ST-50-DWG-005-66	BUILDING 50 - CORE WALL ELEVATIONS SHEET 6 (CW7)	C
RCR-ENS-ST-50-DWG-005-67	BUILDING 50 - CORE WALL ELEVATIONS SHEET 7 (CW7)	C
RCR-ENS-ST-50-DWG-005-68	BUILDING 50 - CORE WALL ELEVATIONS SHEET 8 (CW8)	C
RCR-ENS-ST-50-DWG-005-69	BUILDING 50 - CORE WALL ELEVATIONS SHEET 9 (CW9 - CW10)	C
RCR-ENS-ST-50-DWG-005-70	BUILDING 50 - CORE WALL ELEVATIONS SHEET 10 (CW11)	C
RCR-ENS-ST-50-DWG-005-71	BUILDING 50 - CORE WALL ELEVATIONS SHEET 11 (CW12)	C
RCR-ENS-ST-50-DWG-005-72	BUILDING 50 - CORE WALL ELEVATIONS SHEET 12 (CW13)	C
RCR-ENS-ST-50-DWG-005-73	BUILDING 50 - CORE WALL ELEVATIONS SHEET 13 (CW14)	C
RCR-ENS-ST-50-DWG-005-74	BUILDING 50 - CORE WALL ELEVATIONS SHEET 14 (CW15)	C
RCR-ENS-ST-50-DWG-005-75	BUILDING 50 - CORE WALL ELEVATIONS SHEET 15 (CW16)	C
RCR-ENS-ST-50-DWG-005-76	BUILDING 50 - CORE WALL ELEVATIONS SHEET 16 (CW17)	C
RCR-ENS-ST-50-DWG-005-77	BUILDING 50 - CORE WALL ELEVATIONS SHEET 17 (CW18)	C
RCR-ENS-ST-50-DWG-005-78	BUILDING 50 - CORE WALL ELEVATIONS SHEET 18 (CW19 - CW21)	C
RCR-ENS-ST-50-DWG-005-80	RCR-ENS-ST-50-DWG-005-80[A] - BUILDING 50 - STAIR CORE 1 ELEVATIONS - SHEET 1	C
RCR-ENS-ST-50-DWG-005-81	BUILDING 50 - STAIR CORE 2 ELEVATIONS - SHEET 1	C
RCR-ENS-ST-50-DWG-009-00	BUILDING 50 - CORE STAIR 1 & 2 - PLANS AND ELEVATIONS	B
RCR-ENS-ST-50-DWG-009-01	BUILDING 50 - STAIR 1 - PLANS AND ELEVATIONS	B
RCR-ENS-ST-50-DWG-009-02	BUILDING 50 - STAIR 2 - PLANS AND ELEVATIONS	B
RCR-ENS-ST-50-DWG-009-03	BUILDING 50 - STAIR 3 - PLANS AND ELEVATIONS	B
RCR-ENS-ST-50-DWG-009-04	BUILDING 50 - STAIR 4 - PLANS AND ELEVATIONS	B
RCR-ENS-ST-50-DWG-009-05	NOT USED	B
RCR-ENS-ST-50-DWG-009-06	BUILDING 50 - STAIR 6 - PLANS AND ELEVATIONS	A
RCR-ENS-ST-50-DWG-009-31	BUILDING 50 - TYPICAL R.C. STAIR DETAILS - SHEET 1	C
RCR-ENS-ST-50-DWG-010-31	BUILDING 50 - TYPICAL BLOCKWORK DETAILS SHEET 1	E

RCR-ENS-ST-50-DWG-010-32	BUILDING 50 - TYPICAL BLOCKWORK DETAILS SHEET 2	E
RCR-ENS-ST-50-DWG-010-33	BUILDING 50 - TYPICAL BLOCKWORK DETAILS SHEET 3	E
RCR-ENS-ST-50-DWG-010-34	BUILDING 50 - TYPICAL BLOCKWORK DETAILS SHEET 4	E
RCR-ENS-ST-50-DWG-010-35	BUILDING 50 - TYPICAL BLOCKWORK DETAILS SHEET 5	E
RCR-ENS-ST-50-DWG-010-40	BUILDING 50 - TYPICAL SUSPENDED SLAB DETAIL	F
RCR-ENS-ST-50-DWG-011-31	BUILDING 50 - TYPICAL STEELWORK CONNECTIONS	D
RCR-ENS-ST-50-DWG-013-00	BUILDING 50 - PATIENT BRIDGE TRUSS - PLAN AND ELEVATIONS	F
RCR-ENS-ST-50-DWG-013-01	BUILDING 50 - PATIENT BRIDGE TRUSS - GENERAL ARRANGEMENTS - SHEET 2	D
RCR-ENS-ST-50-DWG-013-02	BUILDING 50 - PATIENT BRIDGE TRUSS - SECTIONS AND DETAILS	D
RCR-ENS-ST-50-DWG-013-10	BUILDING 50 - PUBLIC BRIDGE - PLAN AND ELEVATIONS	G
RCR-ENS-ST-50-DWG-013-11	BUILDING 50 - PUBLIC BRIDGE - GENERAL ARRANGEMENT - SHEET 2	E
RCR-ENS-ST-50-DWG-013-12	BUILDING 50 - PUBLIC BRIDGE - SECTIONS AND DETAILS	E
RCR-ENS-ST-50-DWG-098-00	BUILDING 50 - LEVEL -02 - NORTH GENERAL ARRANGEMENT	J
RCR-ENS-ST-50-DWG-098-01	BUILDING 50 - LEVEL -02 - SOUTH GENERAL ARRANGEMENT	H
RCR-ENS-ST-50-DWG-098-31	BUILDING 50 - TYPICAL SLAB ON GROUND DETAILS	C
RCR-ENS-ST-50-DWG-098-50	BUILDING 50 - FLOOD TANK - SECTIONS AND DETAILS	A
RCR-ENS-ST-50-DWG-099-00	BUILDING 50 - LEVEL -01 - NORTH GENERAL ARRANGEMENT	J
RCR-ENS-ST-50-DWG-099-01	BUILDING 50 - LEVEL -01 - SOUTH GENERAL ARRANGEMENT	H
RCR-ENS-ST-50-DWG-100-00	BUILDING 50 - LEVEL 00 GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-101-00	BUILDING 50 - LEVEL 01 GENERAL ARRANGEMENT	J
RCR-ENS-ST-50-DWG-102-00	BUILDING 50 - LEVEL 02 GENERAL ARRANGEMENT	J
RCR-ENS-ST-50-DWG-102-31	BUILDING 50 - LEVEL 02 - SECTIONS - SHEET 1	D
RCR-ENS-ST-50-DWG-103-00	BUILDING 50 - LEVEL 03 GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-104-00	BUILDING 50 - LEVEL 04 GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-105-00	BUILDING 50 - LEVEL 05 GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-106-00	BUILDING 50 - LEVEL 06 GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-107-00	BUILDING 50 - LEVEL 07 GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-108-00	BUILDING 50 - LEVEL 08 GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-109-00	BUILDING 50 - LEVEL 09 GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-109-31	BUILDING 50 - LEVEL 09 - LOW LEVEL STEEL ROOF - GENERAL ARRANGEMENT	F
RCR-ENS-ST-50-DWG-110-00	BUILDING 50 - LEVEL 10 GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-111-00	BUILDING 50 - ROOF LEVEL GENERAL ARRANGEMENT	I
RCR-ENS-ST-50-DWG-298-00	BUILDING 50 - LOADING DIAGRAMS - SHEET 1	A
RCR-ENS-ST-50-DWG-299-00	BUILDING 50 - LOADING DIAGRAMS - SHEET 2	A
RCR-ENS-ST-50-DWG-300-00	BUILDING 50 - LOADING DIAGRAMS - SHEET 3	A
RCR-ENS-ST-50-DWG-301-00	BUILDING 50 - LOADING DIAGRAMS - SHEET 4	A