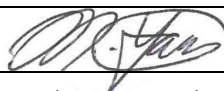


# STATEMENT OF DESIGN INTENT

## MECHANICAL SERVICES

Issued under Clause A5G3 of the Building Code of Australia, Volume 1

|  |   |    |  |
|--|---|----|--|
| <b>Project</b>   | NSW Health Infrastructure Contract No.: HI23123   |    |  |
|  | Ryde Hospital Redevelopment Temporary Works<br>Denistone Road, Eastwood NSW 2122                          |    |  |
| I,   | Mina Yang   | of | Lehr Consultants International (Australia) Pty Ltd |
| at<br>Level 5, 73 Miller Street, North Sydney, NSW 2060  |   |    |  |
| <p>hereby certify that the proposed mechanical services documentation, listed below, relating to the abovementioned project has been designed to comply with;</p> <ul style="list-style-type: none"> <li>The relevant clauses of the Building Codes of Australia (2022) and Australian Standards as follows: <ul style="list-style-type: none"> <li>BCA Part F6 – Light and Ventilation <ul style="list-style-type: none"> <li>F6D6 Ventilation of Rooms</li> <li>F6D12 Kitchen Local Exhaust Ventilation</li> </ul> </li> <li>BCA Part J5 - Building Sealing <ul style="list-style-type: none"> <li>J5D6 Exhaust Fans</li> </ul> </li> <li>BCA Part J6 – Air-conditioning and Ventilation</li> <li>BCA Part J9 Facilities for Energy Monitoring</li> <li>AS 1668.1 - 2015 amendment 1 – The use of ventilation and air conditioning in buildings, Fire and smoke control in buildings</li> <li>AS 1668.2 - 2012 amendments 1 &amp; 2 – The use of ventilation and air conditioning in buildings, Mechanical ventilation in buildings</li> <li>AS/NZS 3500 - 2021 – Plumbing and drainage</li> <li>AS/NZS 3666.1 - 2011 – Air-handling and Water Systems of Buildings- Microbial control</li> <li>AS 4254 - 2012 – Ductwork for air handling systems in Buildings</li> <li>AS/NZS 5149 - 2015 – Refrigeration systems and heat pumps</li> <li>AS 1170.4 - 2007 – Seismic restraints of mechanical services</li> <li>As 2896 – 2021 – Medical Gas Systems</li> </ul> </li> <li>Other practices or standards relied upon for this certificate: <ul style="list-style-type: none"> <li>The documents referred to below are provided for Design Intent for a Design and Construct contractor to finalise the design. The ultimate design certification will be provided by the Design and Construct contractor.</li> <li>This statement does not include existing services that remain outside the scope of this project, is not a “compliance certificate” as defined under the NSW Environmental Planning and Assessment Act 1979 and shall not remove from any other contracted party any contractual obligations, liabilities or any other requirements to be provided for the project.</li> </ul> </li> </ul> |   |    |  |
| <b>Signature</b>   |                        |    | <b>Date</b> 03/04/24                               |
| <b>Qualifications</b>  | B.E (Mechanical), Dip. Eng. Practice, CPEng, NSW Fair Trading Registration No. BDC04785z, NER No. 1054437 |    |  |
| <b>Contact</b>   | T 02 9157 0570  | E  | mina.yang@lciconsultants.com.au                    |

| List of Mechanical Services Documentation |   |          |
|---|---|----------|
| Drawing No.                               | Title   | Revision |
| RHR-ME-DWG-00-TS-00-000                   | COVER PAGE  | C        |
| RHR-ME-DWG-00-TS-00-001                   | LEGEND AND DRAWING NOTES  | C        |
| RHR-ME-DWG-00-TS-00-002                   | STANDARD DETAILS  | C        |
| RHR-ME-DWG-00-TS-00-003                   | SCOPE OF WORKS  | B        |
| RHR-ME-DWG-05-TS-TC-001                   | CLASS N ISOLATION ROOM AIR SCHEMATIC                                    | C        |
| RHR-ME-DWG-10-TS-00-001                   | PROPOSED SITE PLAN  | B        |
| RHR-ME-DWG-61-TS-TB-001                   | FIT OUT PLAN - BINS / ENGINEERING / EXECUTIVE OFFICES / IPO HVAC LAYOUT | C        |
| RHR-ME-DWG-61-TS-TC-001                   | FIT OUT PLAN - ICU / CCU - GROUND LEVEL - SHEET 1 HVAC PLAN             | C        |
| RHR-ME-DWG-61-TS-TC-002                   | FIT OUT PLAN - ICU / CCU - GROUND LEVEL - SHEET 2 HVAC LAYOUT           | C        |
| RHR-ME-DWG-61-TS-TC-003                   | FIT OUT PLAN - ICU / CCU - LEVEL 1- SHEET 1 HVAC LAYOUT                 | C        |
| RHR-ME-DWG-61-TS-TC-004                   | FIT OUT PLAN - ICU / CCU - LEVEL 1- SHEET 2 HVAC LAYOUT                 | D        |
| RHR-ME-DWG-61-TS-TC-005                   | FIT OUT PLAN - ICU / CCU - ROOF - SHEET 1 HVAC LAYOUT                   | D        |
| RHR-ME-DWG-61-TS-TC-006                   | FIT OUT PLAN - ICU / CCU - ROOF - SHEET 2 HVAC LAYOUT                   | D        |
| RHR-ME-DWG-61-TS-TF-001                   | FIT OUT PLAN - STORES AND LINEN HVAC LAYOUT                             | D        |
| RHR-ME-DWG-61-TS-TF-002                   | FIT OUT PLAN - FOOD SERVICES HVAC LAYOUT                                | C        |
| RHR-ME-DWG-61-TS-TF-003                   | FIT OUT PLAN - FOOD SERVICES ROOF HVAC LAYOUT                           | C        |
| RHR-ME-DWG-61-TS-TF-004                   | FIT OUT PLAN - KITCHEN HVAC LAYOUT                                      | C        |
| RHR-ME-DWG-90-TS-00-001                   | EQUIPMENT SCHEDULE  | B        |
| RHR-MG-DWG-00-TS-00-000                   | COVER PAGE  | C        |
| RHR-MG-DWG-00-TS-00-001                   | LEGEND AND DRAWING NOTES  | C        |
| RHR-MG-DWG-00-TS-00-002                   | STANDARD DETAILS  | C        |
| RHR-MG-DWG-61-TS-TC-001                   | FIT OUT PLAN - ICU / CCU - GROUND LEVEL - SHEET 1 MEDICAL GAS LAYOUT    | C        |
| RHR-MG-DWG-61-TS-TC-002                   | FIT OUT PLAN - ICU / CCU - GROUND LEVEL - SHEET 2 MEDICAL GAS LAYOUT    | C        |

|                         |  |   |
|-------------------------|--|---|
| RHR-MG-DWG-61-TS-TC-003 | FIT OUT PLAN - ICU / CCU - LEVEL 1- SHEET 1 MEDICAL GAS LAYOUT | C |
| RHR-MG-DWG-61-TS-TC-004 | FIT OUT PLAN - ICU / CCU - LEVEL 1- SHEET 2 MEDICAL GAS LAYOUT | C |