

Subject: Structural Design Statement**Address: 1-2 Murray Rose Ave, Sydney Olympic Park, NSW 2127****Client: DECODE GROUP**

We, **Smart Structures Australia**, confirm that we are responsible for the design of the concrete-filled block retaining wall between Sopa land and 1-2 Murrat Rose Avenue, Olympic Park, NSW 2127 described herein, and that the design has been carried out in accordance with the relevant Australian Standards. The safe optimised width of the footing is calculated to be 2.20m for the retained height of 3.20m.

The basic standards used in this design are:

- AS/NZS 1170.0:2002 Amdt 1,2,3,4 & 5:2011 - Structural Design Actions
- AS/NZS 1170.1:2002 (R2016) Amdt 1&2:2009 – Structural Design Actions (Part 1: Permanent, imposed and other actions)
- AS 2159:2009 Amdt 1:2010 (Piling Code)
- AS 3600:2018 Amdt 1&2:2021 (Concrete structures)

This design certificate has been prepared for the structural elements that have been detailed by Smart Structures Australia in the following drawings:

DRAWING LIST			
DRAWING #	DRAWINGS NAME	INTERNAL REV.	DATE
S01.11	RETAINING WALL PLAN	1	29.04.25
S01.43	RETAINING WALL DETAILS	1	29.04.25

TOTAL: 2

This certificate is based on the provided documents by the client as follows:

- Architectural plans by **RPS AAP Consulting** dated 2024-08-30, Reference L1.00 & L3.03, Rev A
- Geotechnical certificate prepared by **JK Geotechnics** on 17-10-2017, Reference 30809YFrpt
- Civil drawings prepared by **Meinhardt-Bonacci** on 07.08.2024, Reference C0052, Rev C1.

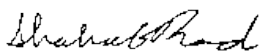
Note:

This certificate shall not be construed as relieving any other party of their responsibilities, liabilities or contractual obligations.

Yours truly,

Smart Structures Australia

Per:



Shahab Rad

B.E(Civil) | M.E(STR) | FIEAUST | CPEng | NER 3262751 | RPEQ
Managing Director