

200047

25<sup>th</sup> November 2019

Mavid Group  
81 Mustang Drive,  
RUTHERFORD NSW 2320

**RE: STATEMENT OF DESIGN REQUIREMENTS – Boundary Retaining Wall**

**Works: Medowie Commercial at 795 Medowie Road, Medowie**

In regard to the above mentioned development we understand that the consent authority is requiring written confirmation of the structural adequacy of the existing retaining wall located on the existing supermarket site adjacent to the southern boundary of the subject site.

#### **Background and Comment**

MPC Consulting Engineers designed the mentioned retaining wall in 2013, refer to the attached documentation, and supervised construction of the wall. MPC confirm that the wall was design for a 5KPa surcharge load, meaning that wall is capable of supporting the playground adjoining, however the proposed building structure for the childcare centre and new retaining wall will need to be supported on a deep foundation system below the invert of the RW.

We trust the above meets with your current requirements.

Yours faithfully,



**PETER MARCH**  
**BE MIE AUST CPEng, NER Structural and Civil**  
**DIRECTOR**