2 July 2025 PR-24/0557 - L

Catcon Civil & Allied Technical Construction Pty Ltd
598-600 South Road
Angle Park S.A. 5010

Attention: Muhammad Shahzaib

Dear Muhammad

LEVEL 1 INSPECTION AND TESTING

Oakden Stage - 6

RE: CONTROLLED FILL TO LOTS (606 TO 610)
HIGHLIGHTED IN THE ATTACHED DRAWING

Earthworks for backfilling and placement of controlled fill in Oakden Stage – 5, commenced under the supervision of Lab and Field Pty Ltd in November 2024 and was completed in May 2025. This work was undertaken by Catcon Civil; the extent of the filling area is defined by the orange-highlighted section on the attached drawing **PR-24/0557 Stage 6 Fill Area Plan L**.

Catcon Civil commenced earthworks with the stripping of vegetation and the removal of all topsoil, uncontrolled fill, and unsuitable materials within the allotment areas, all of which were visually inspected by Lab and Field personnel.

The subgrade was assessed by Lab and Field following the removal of the top soil. The exposed subgrade was inspected and proof rolled, with no defects observed during the assessment.

Controlled fill was placed on the allotments for residential construction by Catcon Civil in approximately 250mm thick layers, compacted to **95% standard compaction (AS 1289 5.1.1)**. Lab and Field Pty Ltd provided earthworks inspection and testing services during fill placement to Level 1 engagement, as defined in **Australian Standard AS3798, Clause 8.2 – "Guidelines on Earthworks for Commercial and Residential Developments."** Testing was randomly conducted at various locations and layers, as shown in the field density reports.

In small-scale controlled fill areas, testing is generally conducted at a rate of **one test per layer per lot per 1,000m²** throughout the fill placement. Each lot was then tested at the finish level upon completion of the final fill layer within the filling footprint. All compaction test results met or exceeded the minimum dry density ratio as specified.

Based on site observations, survey data, and design plan information provided by Catcon Civil, the depth of controlled fill varied throughout the filling area, ranging from **0.2m to 2.0m**. The maximum depth of **2.0m** of fill was observed in Tree Removal Areas as shown on drawing attached.

The depths of fill presented in this letter are not intended to represent the absolute thickness of compacted materials; therefore, variations between measurements may not reflect the maximum field depth on site and should be used for reference purposes only.

The fill was sourced from suitable on-site and off-site materials and may be considered "controlled fill" for the purposes of footing design, in accordance with **Australian Standard AS2870, Clause 6.4.2 – "Residential Slabs and Footings."**

We trust the above information is suitable for your consideration. However, should you have any further queries or require additional details, please contact us at **(08) 8258 5594.**

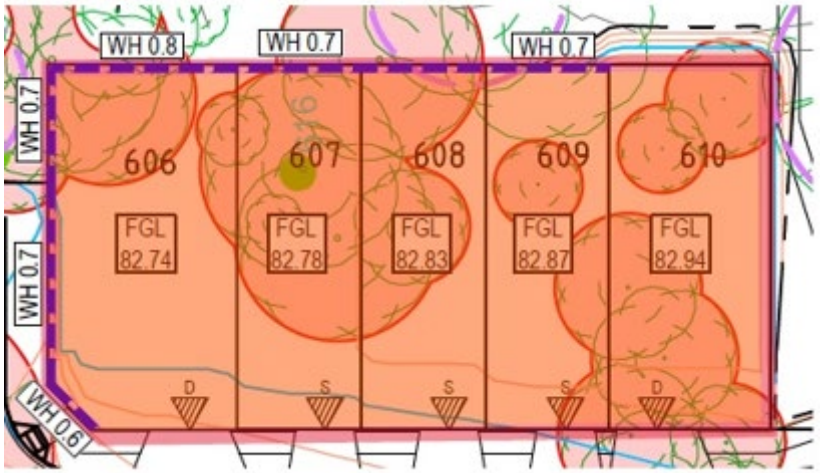
Yours faithfully,

LAB and Field Pty Ltd

D.S. Neale

Laboratory Manager

Fill Area Oakden Stage – 6L



2 July 2025 PR-24/0557 - M

Catcon Civil & Allied Technical Construction Pty Ltd
598-600 South Road
Angle Park S.A. 5010

Attention: Muhammad Shahzaib

Dear Muhammad

LEVEL 1 INSPECTION AND TESTING

Oakden Stage - 6

RE: CONTROLLED FILL TO LOTS (611 TO 617)
HIGHLIGHTED IN THE ATTACHED DRAWING

Earthworks for backfilling and placement of controlled fill in Oakden Stage – 5, commenced under the supervision of Lab and Field Pty Ltd in November 2024 and was completed in May 2025. This work was undertaken by Catcon Civil; the extent of the filling area is defined by the orange-highlighted section on the attached drawing **PR-24/0557 Stage 6 Fill Area Plan M**.

Catcon Civil commenced earthworks with the stripping of vegetation and the removal of all topsoil, uncontrolled fill, and unsuitable materials within the allotment areas, all of which were visually inspected by Lab and Field personnel.

The subgrade was assessed by Lab and Field following the removal of the top soil. The exposed subgrade was inspected and proof rolled, with no defects observed during the assessment.

Controlled fill was placed on the allotments for residential construction by Catcon Civil in approximately 250mm thick layers, compacted to **95% standard compaction (AS 1289 5.1.1)**. Lab and Field Pty Ltd provided earthworks inspection and testing services during fill placement to Level 1 engagement, as defined in **Australian Standard AS3798, Clause 8.2 – "Guidelines on Earthworks for Commercial and Residential Developments."** Testing was randomly conducted at various locations and layers, as shown in the field density reports.

In small-scale controlled fill areas, testing is generally conducted at a rate of **one test per layer per lot per 1,000m²** throughout the fill placement. Each lot was then tested at the finish level upon completion of the final fill layer within the filling footprint. All compaction test results met or exceeded the minimum dry density ratio as specified.

Based on site observations, survey data, and design plan information provided by Catcon Civil, the depth of controlled fill varied throughout the filling area, ranging from **0.2m to 2.0m**. The maximum depth of **2.0m** of fill was observed in Tree Removal Areas as shown on drawing attached.

The depths of fill presented in this letter are not intended to represent the absolute thickness of compacted materials; therefore, variations between measurements may not reflect the maximum field depth on site and should be used for reference purposes only.

The fill was sourced from suitable on-site and off-site materials and may be considered "controlled fill" for the purposes of footing design, in accordance with **Australian Standard AS2870, Clause 6.4.2 – "Residential Slabs and Footings."**

We trust the above information is suitable for your consideration. However, should you have any further queries or require additional details, please contact us at **(08) 8258 5594.**

Yours faithfully,

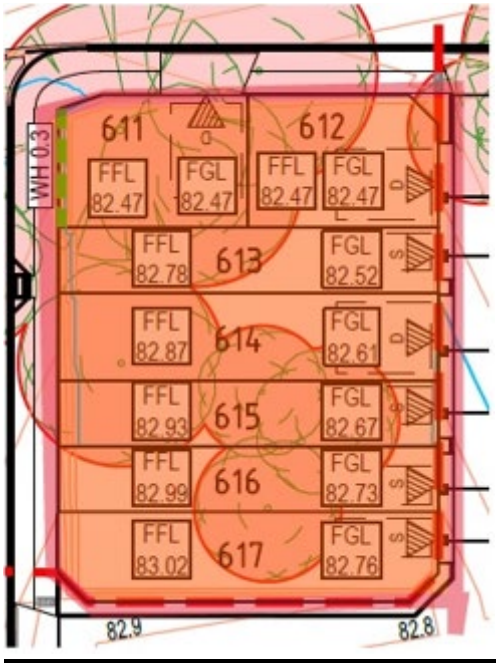
LAB and Field Pty Ltd

D.S. Neale

Laboratory Manager

LAB+Field
CONSTRUCTION MATERIAL TESTING

Fill Area Oakden Stage – 6M



2 July 2025 PR-24/0557 - N

Catcon Civil & Allied Technical Construction Pty Ltd
598-600 South Road
Angle Park S.A. 5010

Attention: Muhammad Shahzaib

Dear Muhammad

LEVEL 1 INSPECTION AND TESTING

Oakden Stage - 6

RE: CONTROLLED FILL TO LOTS (618 TO 630)
HIGHLIGHTED IN THE ATTACHED DRAWING

Earthworks for backfilling and placement of controlled fill in Oakden Stage – 5, commenced under the supervision of Lab and Field Pty Ltd in November 2024 and was completed in May 2025. This work was undertaken by Catcon Civil; the extent of the filling area is defined by the orange-highlighted section on the attached drawing **PR-24/0557 Stage 6 Fill Area Plan N**.

Catcon Civil commenced earthworks with the stripping of vegetation and the removal of all topsoil, uncontrolled fill, and unsuitable materials within the allotment areas, all of which were visually inspected by Lab and Field personnel.

The subgrade was assessed by Lab and Field following the removal of the top soil. The exposed subgrade was inspected and proof rolled, with no defects observed during the assessment.

Controlled fill was placed on the allotments for residential construction by Catcon Civil in approximately 250mm thick layers, compacted to **95% standard compaction (AS 1289 5.1.1)**. Lab and Field Pty Ltd provided earthworks inspection and testing services during fill placement to Level 1 engagement, as defined in **Australian Standard AS3798, Clause 8.2 – "Guidelines on Earthworks for Commercial and Residential Developments."** Testing was randomly conducted at various locations and layers, as shown in the field density reports.

In small-scale controlled fill areas, testing is generally conducted at a rate of **one test per layer per lot per 1,000m²** throughout the fill placement. Each lot was then tested at the finish level upon completion of the final fill layer within the filling footprint. All compaction test results met or exceeded the minimum dry density ratio as specified.

Based on site observations, survey data, and design plan information provided by Catcon Civil, the depth of controlled fill varied throughout the filling area, ranging from **0.2m to 2.0m**. The maximum depth of **2.0m** of fill was observed in Tree Removal Areas as shown on drawing attached.

The depths of fill presented in this letter are not intended to represent the absolute thickness of compacted materials; therefore, variations between measurements may not reflect the maximum field depth on site and should be used for reference purposes only.

The fill was sourced from suitable on-site and off-site materials and may be considered "controlled fill" for the purposes of footing design, in accordance with **Australian Standard AS2870, Clause 6.4.2 – "Residential Slabs and Footings."**

We trust the above information is suitable for your consideration. However, should you have any further queries or require additional details, please contact us at **(08) 8258 5594.**

Yours faithfully,

LAB and Field Pty Ltd

D.S. Neale

Laboratory Manager

LAB+Field
CONSTRUCTION MATERIAL TESTING

Fill Area Oakden Stage – 6N