

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 429

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 429 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
- Verification of finished surface level to design levels is outside of the scope of the GITA Inspection and Verification report.
- Compaction tests results documented in a level 1 GITA report verify the construction methods observed on site are satisfactory. Testing is conducted with random sampling across an area of work that is defined in the Australian Standard as a "lot" which is "an area of work that is essentially homogenous in relation to material type and moisture condition, rolling response and compaction technique, and which has been used for the assessment of the relative compaction of an area of work" (AS 3798-2007). As such, any test completed is representative of an area that may be up to 2500m<sup>2</sup> in area and across several house lots.

A GITA Inspection Verification report (Reference: P231474A) has been published on 13 Jul 2023 and documents that the allotment earthworks were carried out in accordance with AS3798 and in compliance with the project specification provided by the contractor.

For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 440

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 440 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
- Verification of finished surface level to design levels is outside of the scope of the GITA Inspection and Verification report.
- Compaction tests results documented in a level 1 GITA report verify the construction methods observed on site are satisfactory. Testing is conducted with random sampling across an area of work that is defined in the Australian Standard as a "lot" which is "an area of work that is essentially homogenous in relation to material type and moisture condition, rolling response and compaction technique, and which has been used for the assessment of the relative compaction of an area of work" (AS 3798-2007). As such, any test completed is representative of an area that may be up to 2500m<sup>2</sup> in area and across several house lots.

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 441

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 441 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
- Verification of finished surface level to design levels is outside of the scope of the GITA Inspection and Verification report.
- Compaction tests results documented in a level 1 GITA report verify the construction methods observed on site are satisfactory. Testing is conducted with random sampling across an area of work that is defined in the Australian Standard as a "lot" which is "an area of work that is essentially homogenous in relation to material type and moisture condition, rolling response and compaction technique, and which has been used for the assessment of the relative compaction of an area of work" (AS 3798-2007). As such, any test completed is representative of an area that may be up to 2500m<sup>2</sup> in area and across several house lots.

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 442

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 442 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 443

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 443 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 444

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

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With regard to any fill placement please consider the following:

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 445

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 445 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 446

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 446 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager



13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 453

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 453 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
- Verification of finished surface level to design levels is outside of the scope of the GITA Inspection and Verification report.
- Compaction tests results documented in a level 1 GITA report verify the construction methods observed on site are satisfactory. Testing is conducted with random sampling across an area of work that is defined in the Australian Standard as a "lot" which is "an area of work that is essentially homogenous in relation to material type and moisture condition, rolling response and compaction technique, and which has been used for the assessment of the relative compaction of an area of work" (AS 3798-2007). As such, any test completed is representative of an area that may be up to 2500m<sup>2</sup> in area and across several house lots.

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 454

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 454 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
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- Compaction tests results documented in a level 1 GITA report verify the construction methods observed on site are satisfactory. Testing is conducted with random sampling across an area of work that is defined in the Australian Standard as a "lot" which is "an area of work that is essentially homogenous in relation to material type and moisture condition, rolling response and compaction technique, and which has been used for the assessment of the relative compaction of an area of work" (AS 3798-2007). As such, any test completed is representative of an area that may be up to 2500m<sup>2</sup> in area and across several house lots.

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 455

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 455 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 457

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 457 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
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- Compaction tests results documented in a level 1 GITA report verify the construction methods observed on site are satisfactory. Testing is conducted with random sampling across an area of work that is defined in the Australian Standard as a "lot" which is "an area of work that is essentially homogenous in relation to material type and moisture condition, rolling response and compaction technique, and which has been used for the assessment of the relative compaction of an area of work" (AS 3798-2007). As such, any test completed is representative of an area that may be up to 2500m<sup>2</sup> in area and across several house lots.

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 458

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 458 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 459

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 459 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 462

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 462 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 463

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 463 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager



13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 464

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 464 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 465

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 465 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

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For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 466

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 466 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

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- Controlled fill was placed up to 300mm below finished surface level. The final 150mm material is considered top soil and organic matter and not controlled fill.
- Verification of finished surface level to design levels is outside of the scope of the GITA Inspection and Verification report.
- Compaction tests results documented in a level 1 GITA report verify the construction methods observed on site are satisfactory. Testing is conducted with random sampling across an area of work that is defined in the Australian Standard as a “lot” which is “an area of work that is essentially homogenous in relation to material type and moisture condition, rolling response and compaction technique, and which has been used for the assessment of the relative compaction of an area of work” (AS 3798-2007). As such, any test completed is representative of an area that may be up to 2500m<sup>2</sup> in area and across several house lots.

A GITA Inspection Verification report (Reference: P231474A) has been published on 13 Jul 2023 and documents that the allotment earthworks were carried out in accordance with AS3798 and in compliance with the project specification provided by the contractor.

For and on behalf of

**Terra Firma Laboratories**



C Caulfield  
Project Manager

13 Jul 2023

TO WHOM IT MAY CONCERN

Re: Allanvale Stage 4  
Cranbourne  
Lot 476

*Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Allanvale, Stage 4, Cranbourne in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.*

Lot 476 as defined in drawing Ref 102704RD04 & 05 from *Colliers*, provided by the contractor, was included in the scope of works.

With regard to any fill placement please consider the following:

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