

# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 601

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 601 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 607

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 607 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 608

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development*.

Lot 608 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 609

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 609 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 610

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 610 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 611

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 611 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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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Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 612

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 612 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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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- 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 613

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 613 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 614

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 614 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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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Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 615

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 615 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 616

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 616 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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.
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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 617

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 617 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 618

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 618 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 619

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 619 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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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- Verification of finished surface level to design levels is outside of the scope of the GITA Inspection and Verification report.
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A GITA Inspection Verification report (Reference: 10972A) has been published on 24 February 2020 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 620

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 620 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 621

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 621 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 622

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 622 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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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Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 623

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 623 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

Glanfield

Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 624

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development*.

Lot 624 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

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Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 625

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 625 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

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Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 626

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 626 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

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Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 627

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 627 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

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Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 628

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development*.

Lot 628 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

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Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 629

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 629 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

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Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 630

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 630 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

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Chris Caulfield Project Manager

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# TO WHOM IT MAY CONCERN

Re: Summerhill Stage 6 Cranbourne Lot 631

*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 Summerhill, Stage 6, Cranbourne in accordance with Australian Standard AS3798 *Guidelines for Earthworks for Commercial and Residential Development.* 

Lot 631 as defined in drawing ref 0099-06-R02, R03 and 0099-06B-R02 from *GPR Consulting*, 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 300mm fill 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: 10972A) has been published on 24 February 2020 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** 

Glanfield

Chris Caulfield Project Manager

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