

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 602

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 602 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

A GITA Inspection Verification report (Reference: P19146A) has been published on 30/03/2020 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



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 603

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 603 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 604

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 604 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 605

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 605 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 606

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 606 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 607

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 607 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 608

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 608 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 609

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 609 as defined in drawing ref 22562E/6 from *Reed 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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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 610

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 610 as defined in drawing ref 22562E/6 from *Reed 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



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 611

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 611 as defined in drawing ref 22562E/6 from *Reed Consulting*, provided by the contractor, was included in the scope of works.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 613

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 613 as defined in drawing ref 22562E/6 from *Reed 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



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 614

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 614 as defined in drawing ref 22562E/6 from *Reed 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



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 615

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 615 as defined in drawing ref 22562E/6 from *Reed 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



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 616

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 616 as defined in drawing ref 22562E/6 from *Reed 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



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 617

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 617 as defined in drawing ref 22562E/6 from *Reed 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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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 618

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 618 as defined in drawing ref 22562E/6 from *Reed 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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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 619

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 619 as defined in drawing ref 22562E/6 from *Reed 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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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 620

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 620 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 621

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 621 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

A GITA Inspection Verification report (Reference: P19146A) has been published on 30/03/2020 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



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 622

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 622 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 623

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 623 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 624

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 624 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 625

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 625 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 626

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 626 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 627

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 627 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 628

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 628 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 629

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 629 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 630

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 630 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 631

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 631 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 632

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 632 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 633

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 633 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 634

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 634 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 635

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 635 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager

30/03/2020

TO WHOM IT MAY CONCERN

Re: Elpis Stage 6
Truganina
Lot 636

Terra Firma Laboratories was engaged by Lojac Civil Pty Ltd as the Geotechnical and Inspection Testing Authority (GITA) to provide Level 1 supervision and testing on the earthworks component for Elpis, Stage 6, Truganina in accordance with Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Development.

Lot 636 as defined in drawing ref 22562E/6 from *Reed 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 2500m² in area and across several house lots.

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For and on behalf of

Terra Firma Laboratories



Chris Caulfield
Project Manager