



Soil Surveys Engineering Pty Limited
Specialists in Applied Geotechnics
A.B.N. 70 054 043 631

www.soilsurveys.com.au

Principals

PJ Dixon
NT Perkins
MV Geale
GEJ Gray
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BE(Hons) RPEQ
BAppSc(AppGeol) BEng(Hons1) RPEQ
BEng(Civil) MBA CPEng MIE Aust RPEQ
BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2021
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2021
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2021 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

Celebrating over 40 years in Geotechnics

Ph +617 3369 6000 Fax +617 3369 6660
PO Box 317, Milton, QLD, 4064, Australia
info@soilsurveys.com.au
Brisbane, Level 2, 19 Finchley Street, Milton, QLD, 4064
Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD 4212



SOIL SURVEYS ENGINEERING PTY LIMITED
 A.C.N. 054 043 631
 Consulting Geotechnical Engineers

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2022
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2022
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2022 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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BEng(Civil) RPEQ

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Job No: 214-11753
Ref: Controlled Filling - Lot 2023
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2023
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2023 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2024
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2024
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2024 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2102
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2102
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2102 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

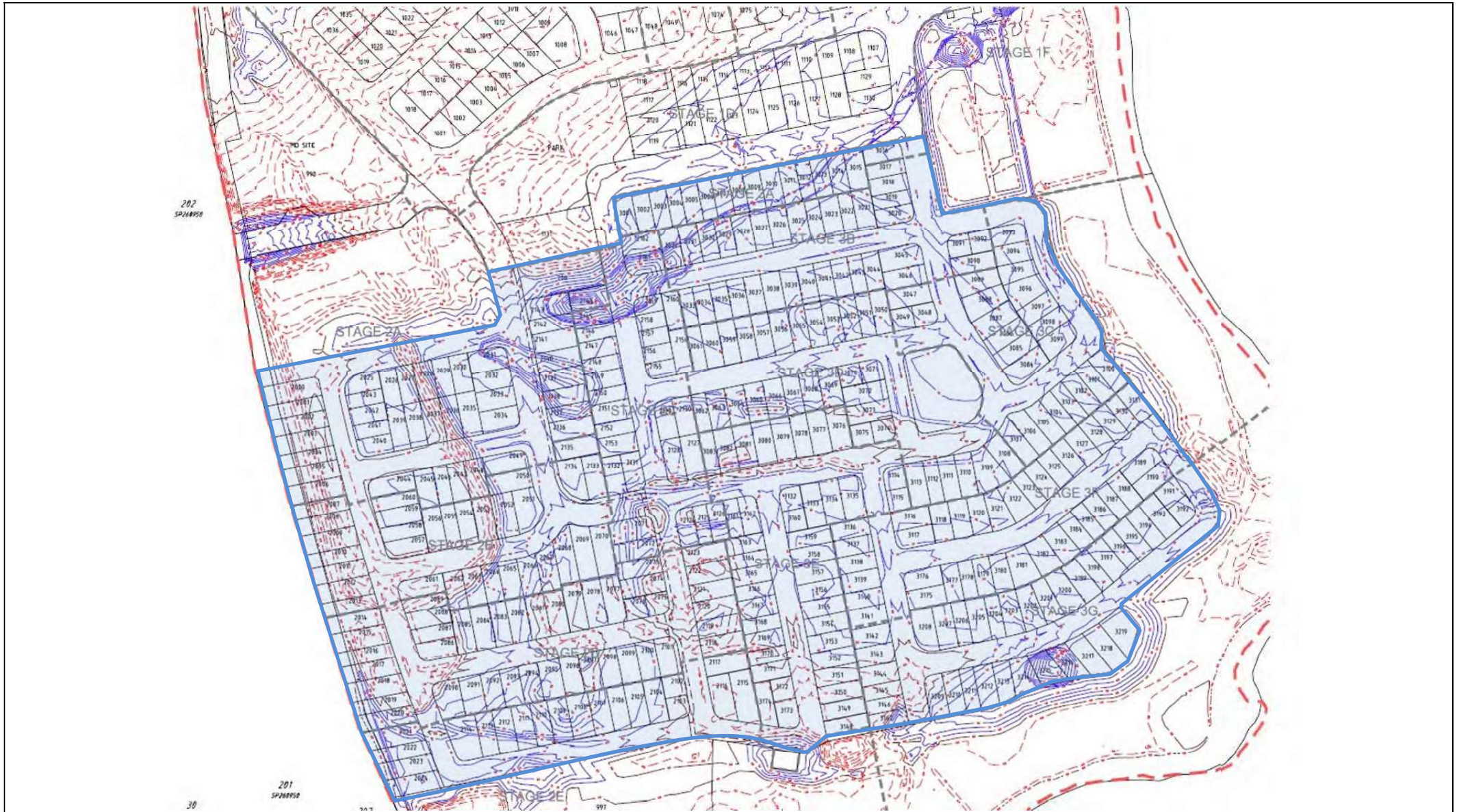
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Attached: Drawing Showing Location of Lot

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2103
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2103
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2103 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2104
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2104
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2104 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

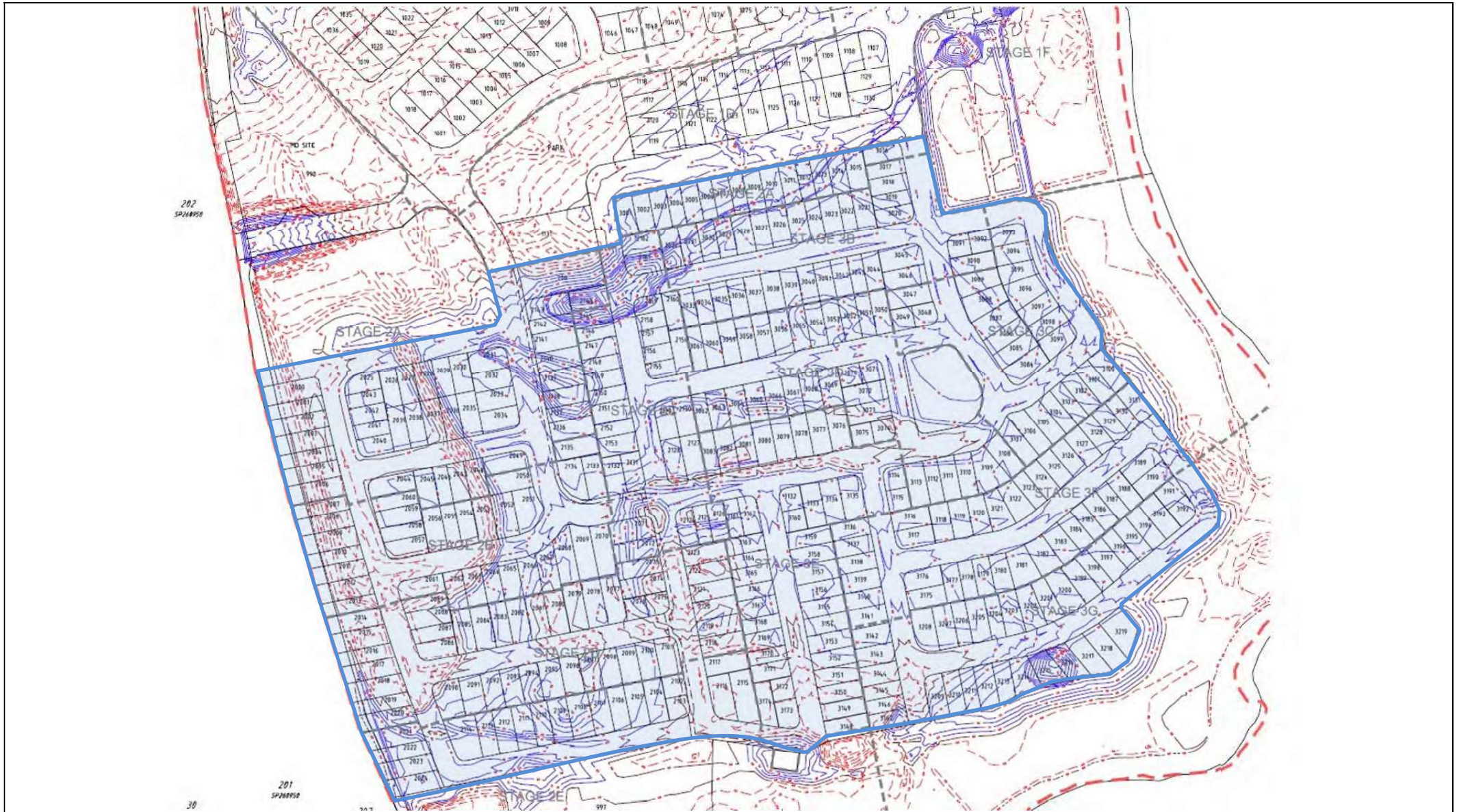
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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2105
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2105
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2105 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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Job No: 214-11753
Ref: Controlled Filling - Lot 2106
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2106
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2106 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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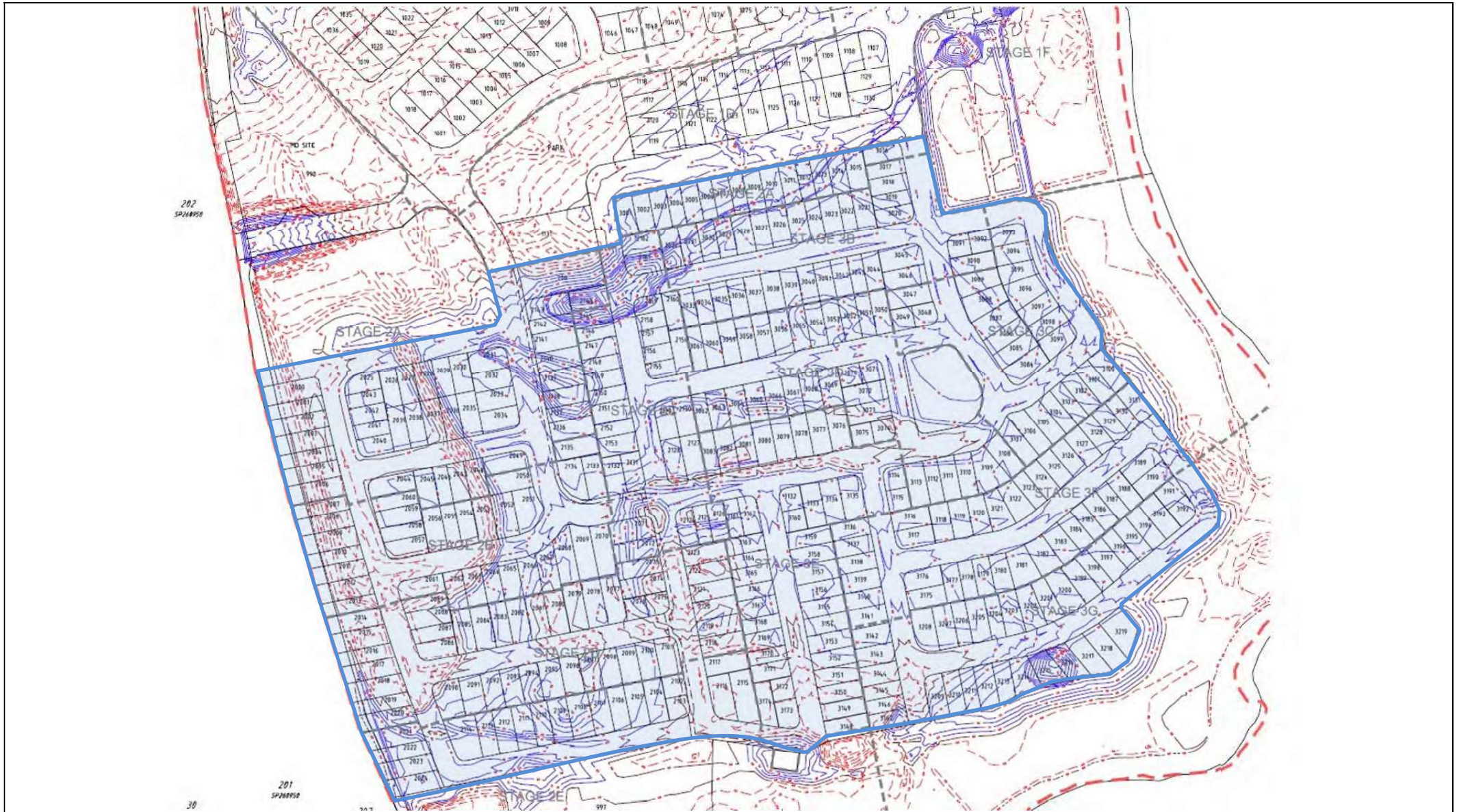
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Job No: 214-11753
Ref: Controlled Filling - Lot 2107
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2107
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2107 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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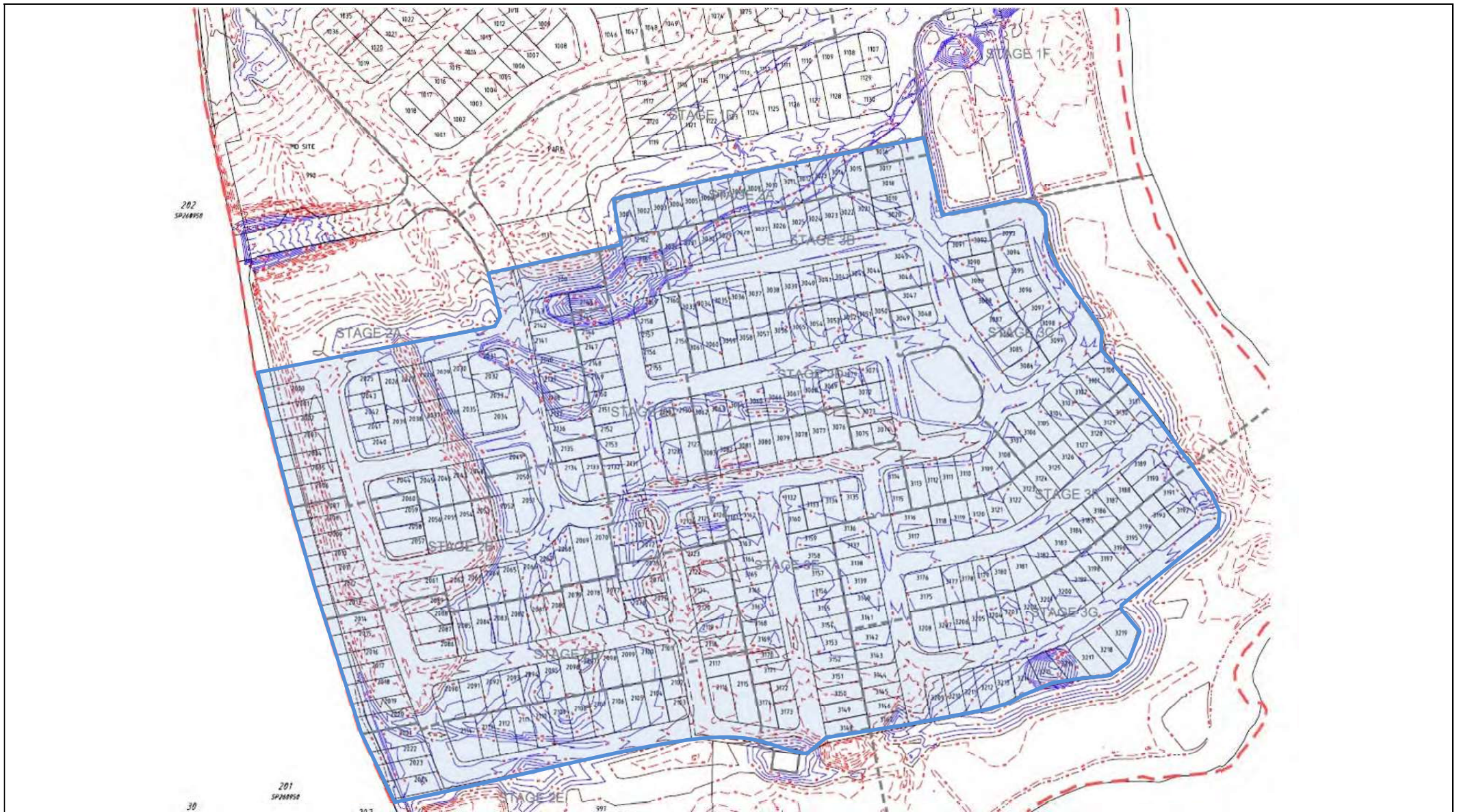
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Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD 4212



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 A.C.N. 054 043 631
 Consulting Geotechnical Engineers

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



Soil Surveys Engineering Pty Limited
Specialists in Applied Geotechnics
A.B.N. 70 054 043 631

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Principals

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NT Perkins
MV Geale
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BAppSc(AppGeol) BEng(Hons1) RPEQ
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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2108
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2108
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2108 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

Celebrating over 40 years in Geotechnics

Ph +617 3369 6000 Fax +617 3369 6660
PO Box 317, Milton, QLD, 4064, Australia
info@soilsurveys.com.au
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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2109
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2109
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2109 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2110
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2110
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2110 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2111
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2111
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2111 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2112
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2112
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2112 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2113
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2113
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2113 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2114
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2114
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2114 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Attached: Drawing Showing Location of Lot

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2115
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2115
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2115 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

Celebrating over 40 years in Geotechnics

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2116
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2116
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2116 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

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Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD 4212



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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2117
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2117
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2117 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

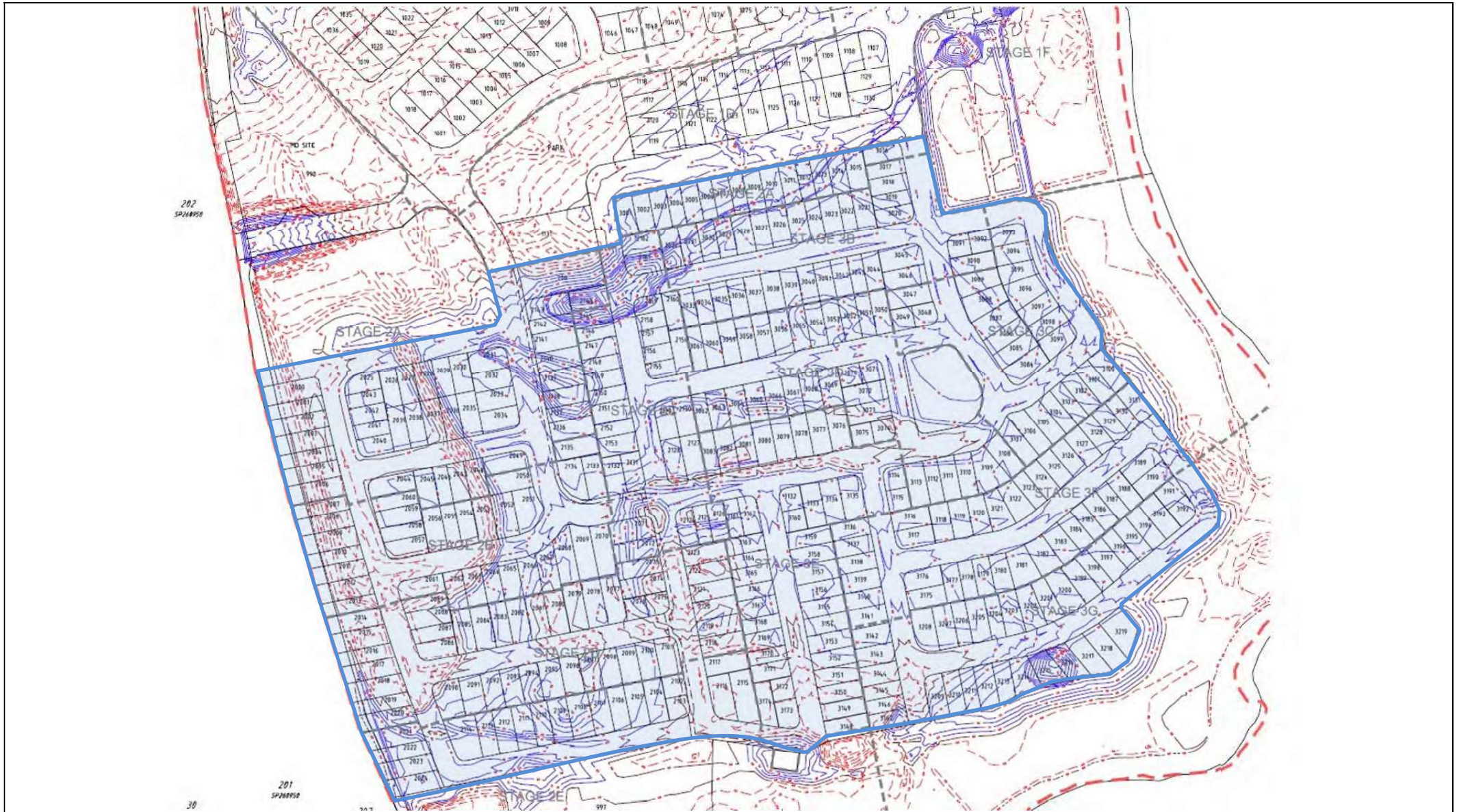
A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

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 Consulting Geotechnical Engineers

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Checked CS	Client:	Villawood Developments		