



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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1048  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1048 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1048 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

---

### ***Celebrating over 40 years in Geotechnics***

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia  
Ph +617 3369 6000, Fax +617 3369 6660, [brisbane@soilsurveys.com.au](mailto:brisbane@soilsurveys.com.au)

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia  
Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.	A4
Date December 2016	Location:	Stage One, The Surrounds	2-11753-01	
Checked CS	Client:	Villawood Developments		



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NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1049  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

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

#### **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1049 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1049 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

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Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot







Soil Surveys Engineering Pty Limited  
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GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1050  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1050 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1050 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.  2-11753-01	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		



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GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1051  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

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

#### **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1051 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1051 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.  2-11753-01	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		





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GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1052  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

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

#### **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1052 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1052 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.	A4
Date December 2016	Location:	Stage One, The Surrounds	2-11753-01	
Checked CS	Client:	Villawood Developments		



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MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1053  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1053  
THE SURROUNDS – STAGE ONE – 1A - 1F  
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1053 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au



---

Yours faithfully,



**C SKINNER**

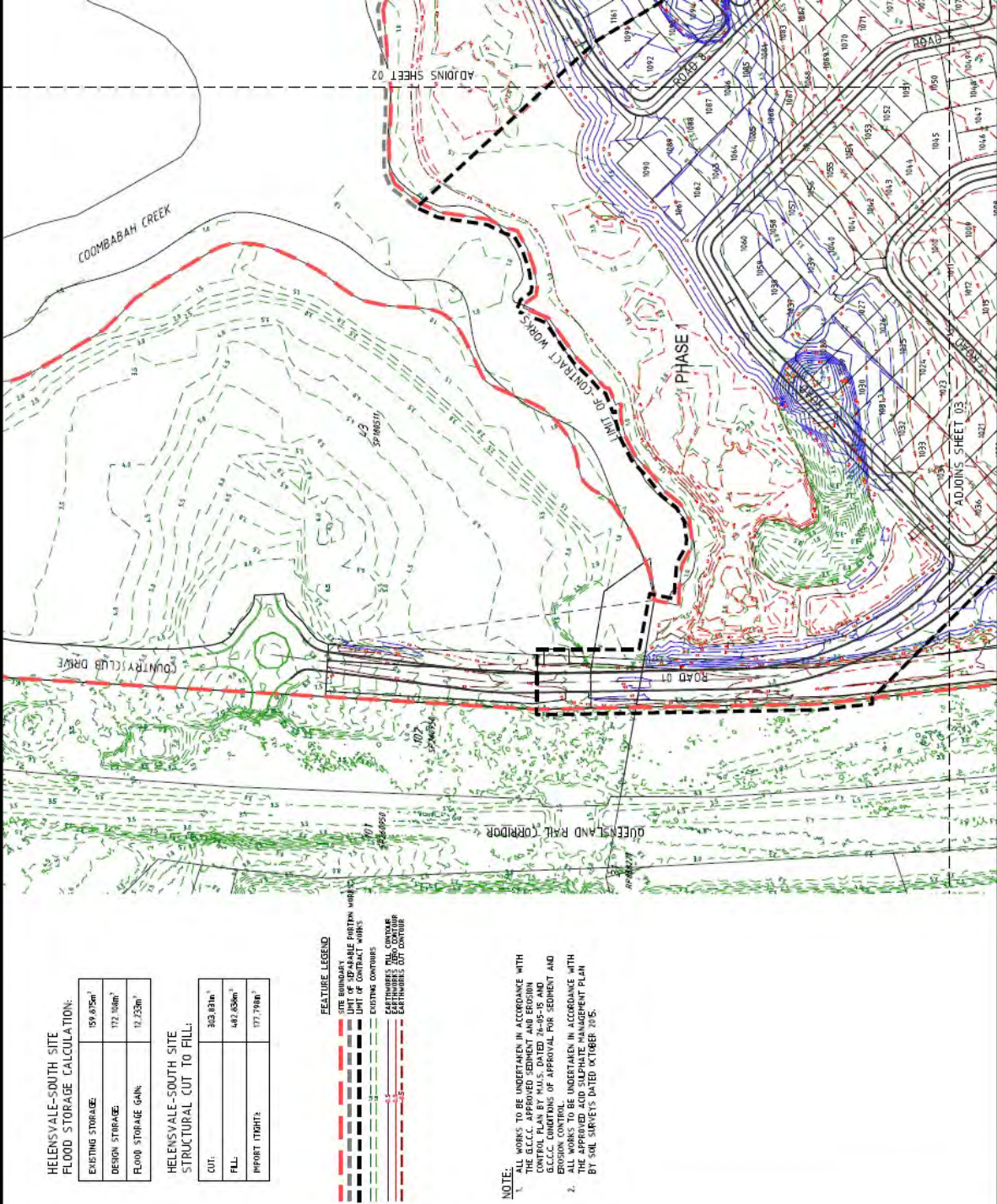


**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1054  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1054 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1054 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.	A4
Date December 2016	Location:	Stage One, The Surrounds	2-11753-01	
Checked CS	Client:	Villawood Developments		



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MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1055  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1055 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1055 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.  2-11753-01	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		





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Specialists in Applied Geotechnics  
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GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1056  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1056 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1056 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

---

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.	A4
Date December 2016	Location:	Stage One, The Surrounds	2-11753-01	
Checked CS	Client:	Villawood Developments		



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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1057  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1057 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1057 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

---

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)



---

Yours faithfully,



**C SKINNER**

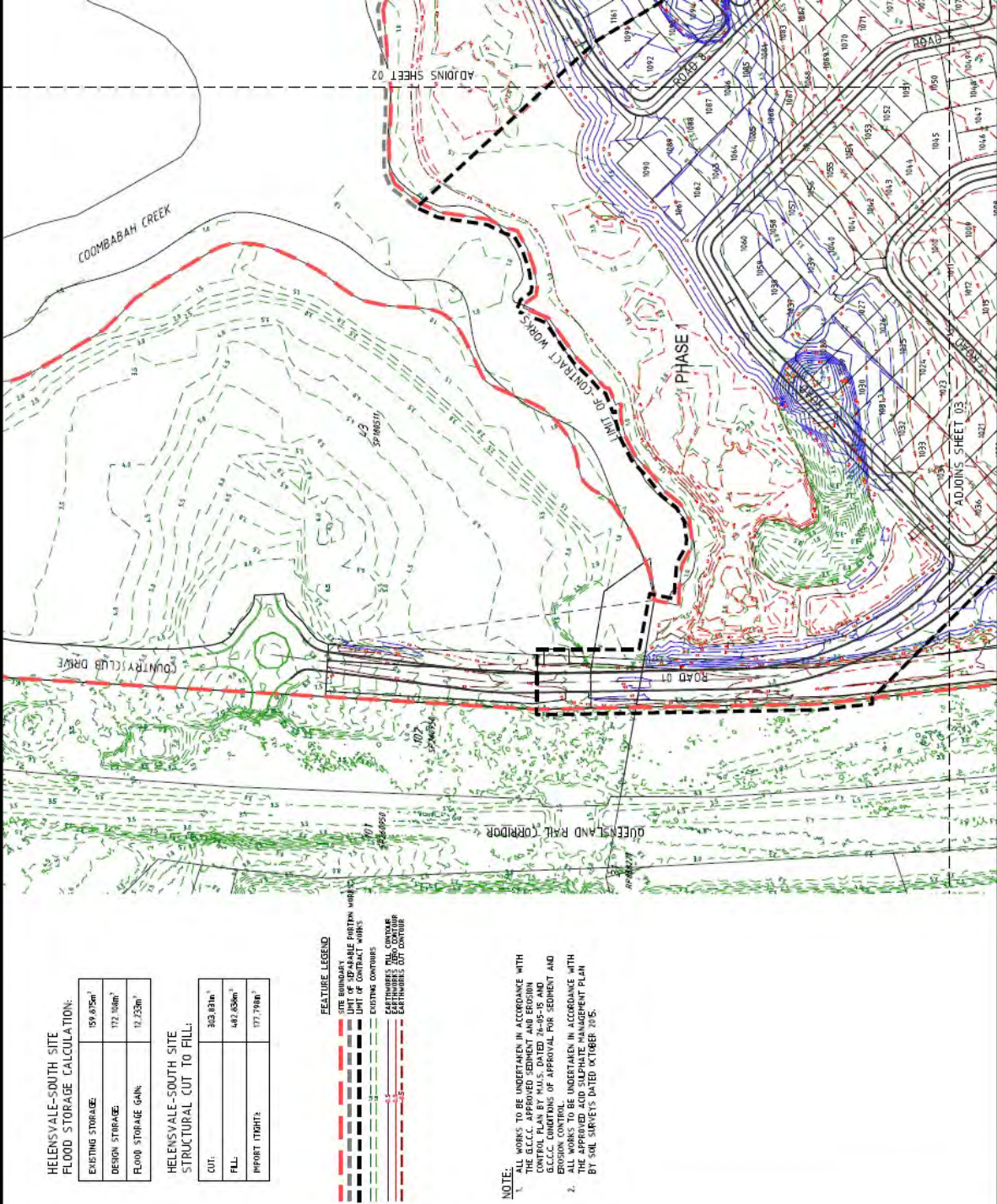


**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-01 A4
Date December 2016	Location:	Stage One, The Surrounds	
Checked CS	Client:	Villawood Developments	



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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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

Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1058  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1058  
THE SURROUNDS – STAGE ONE – 1A - 1F  
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1058 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

---

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.  2-11753-01  A4
Date December 2016	Location:	Stage One, The Surrounds	
Checked CS	Client:	Villawood Developments	



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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1059  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1059 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1059 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

---

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.	A4
Date December 2016	Location:	Stage One, The Surrounds	2-11753-01	
Checked CS	Client:	Villawood Developments		





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

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NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1060  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1060  
THE SURROUNDS – STAGE ONE – 1A - 1F  
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1060 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.  2-11753-01  A4
Date December 2016	Location:	Stage One, 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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NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1061  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1061 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1061 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)



---

Yours faithfully,



**C SKINNER**

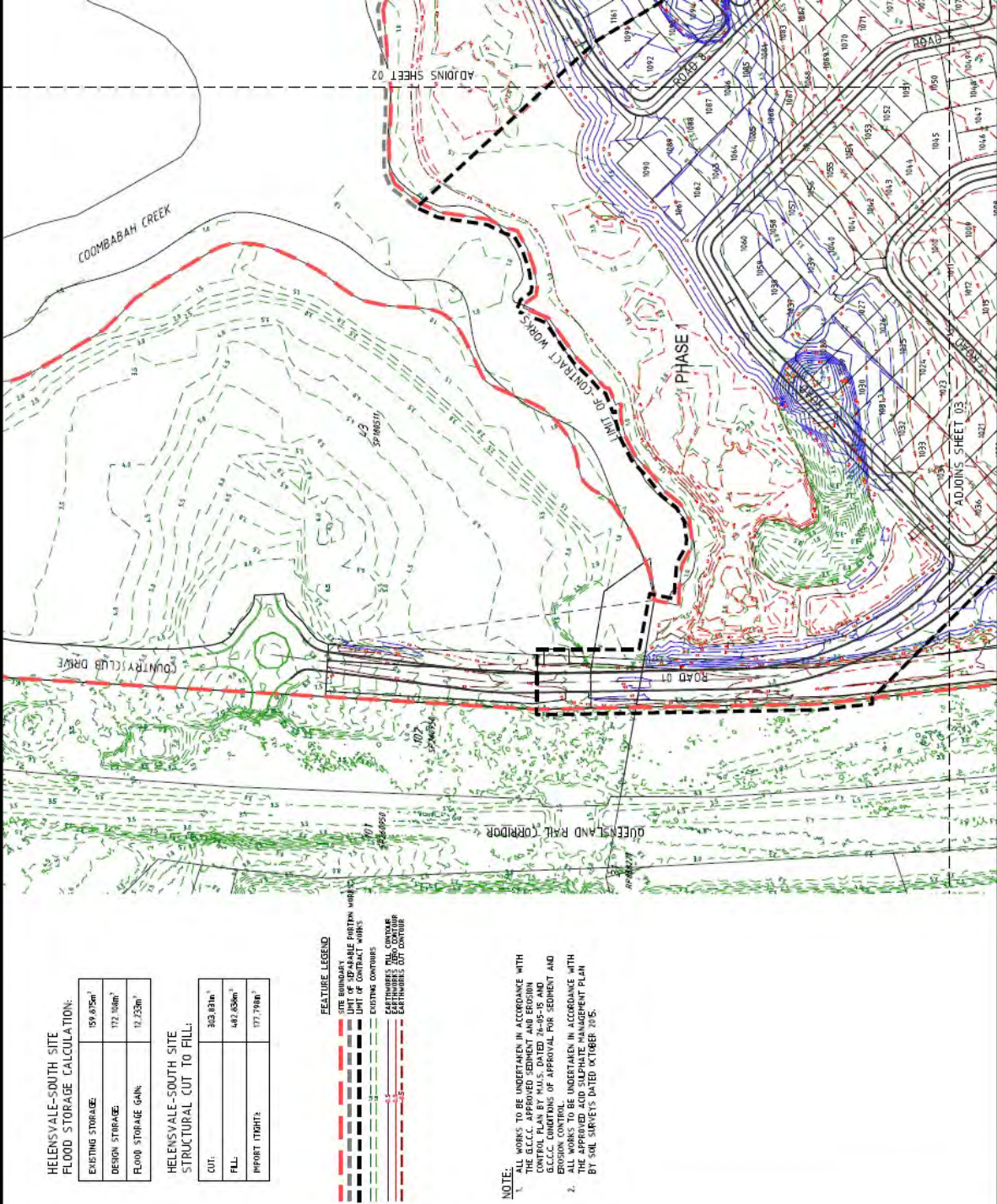


**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.  2-11753-01	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		



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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1062  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1062  
THE SURROUNDS – STAGE ONE – 1A - 1F  
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1062 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-01 A4
Date December 2016	Location:	Stage One, The Surrounds	
Checked CS	Client:	Villawood Developments	



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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1063  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1063 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1063 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.	A4
Date December 2016	Location:	Stage One, The Surrounds	2-11753-01	
Checked CS	Client:	Villawood Developments		





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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1064  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1064 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1064 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI  Date December 2016  Checked CS	Project:	Certification Of Earthwork	Drawing No.  2-11753-01	A4
	Location:	Stage One, The Surrounds		
	Client:	Villawood Developments		



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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1065  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1065 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1065 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

---

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)



---

Yours faithfully,



**C SKINNER**

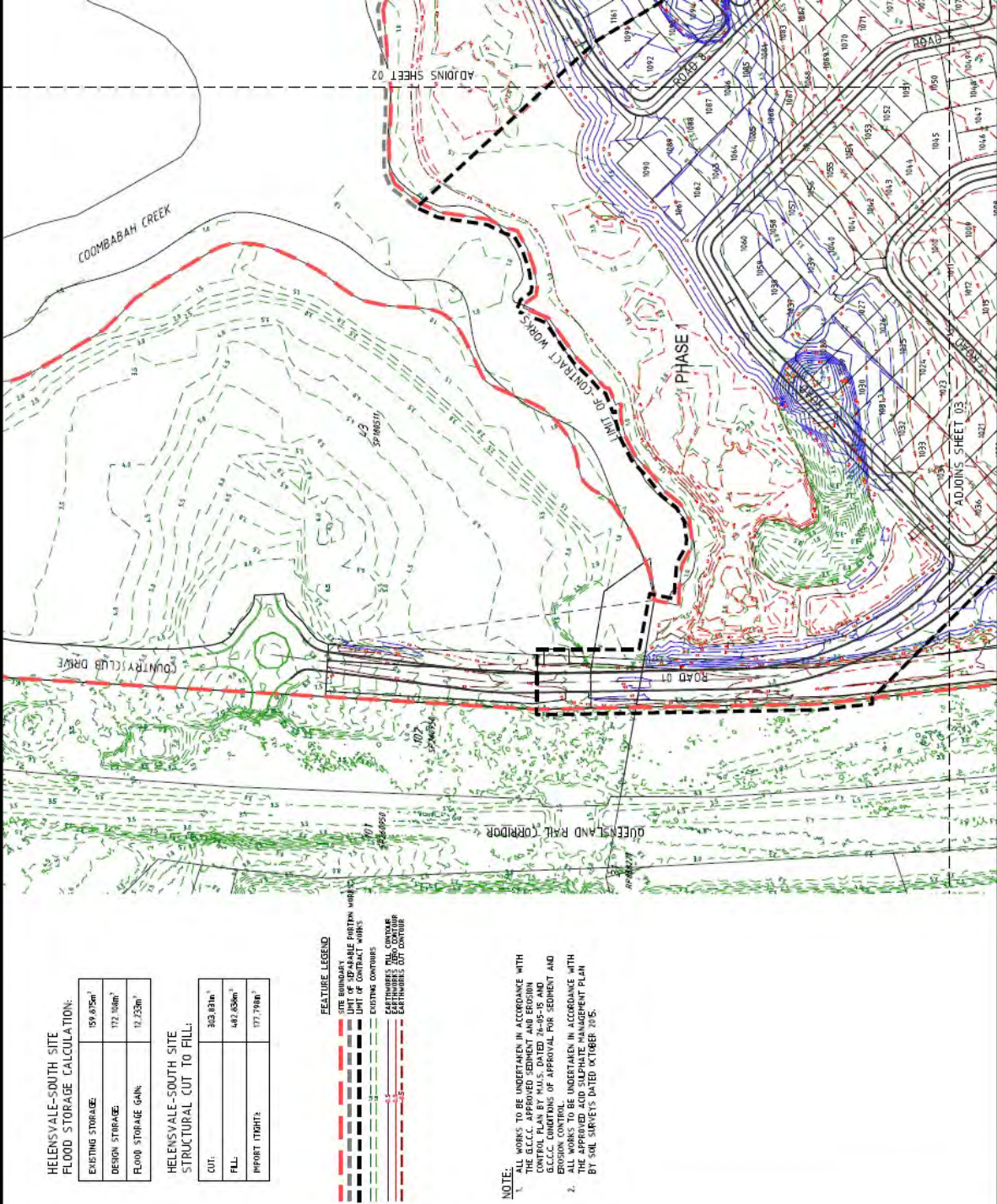


**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

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NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1066  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1066  
THE SURROUNDS – STAGE ONE – 1A - 1F  
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1066 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-01 A4
Date December 2016	Location:	Stage One, The Surrounds	
Checked CS	Client:	Villawood Developments	



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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1067  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1067 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1067 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

---

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.  2-11753-01	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		





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

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PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1068  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

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

#### **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1068 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1068 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

---

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Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.	A4
Date December 2016	Location:	Stage One, The Surrounds	2-11753-01	
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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MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1069  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1069 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1069 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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### ***Celebrating over 40 years in Geotechnics***

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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)



---

Yours faithfully,



**C SKINNER**

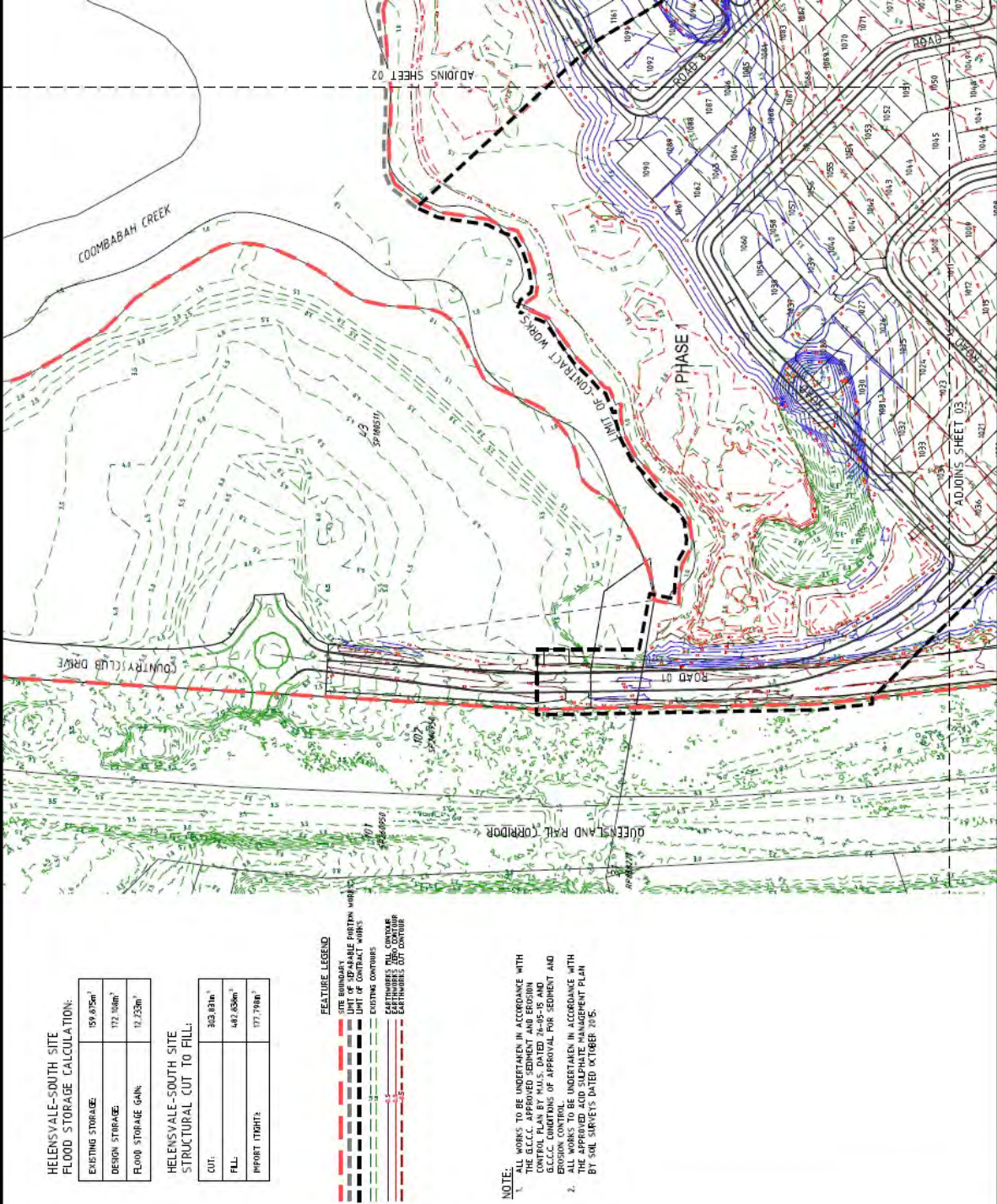


**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-01 A4
Date December 2016	Location:	Stage One, 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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NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1070  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1070  
THE SURROUNDS – STAGE ONE – 1A - 1F  
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1070 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.	A4
Date December 2016	Location:	Stage One, The Surrounds	2-11753-01	
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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NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling Lot 1071  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1071 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1071 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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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Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





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

Drawn BI	Project:	Certification Of Earthwork	Drawing No.  2-11753-01	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		





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

[www.soilsurveys.com.au](http://www.soilsurveys.com.au)

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

Associates	
CP Johnson	BEng(Civil) RPEQ

## Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling - Lot 1072  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

Villawood Developments  
Country Club Drive  
Helensvale QLD 4212  
Email: [michaelw@villawoodproperties.com](mailto:michaelw@villawoodproperties.com)

## **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1072 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1072 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

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### ***Celebrating over 40 years in Geotechnics***

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia  
Ph +617 3369 6000, Fax +617 3369 6660, [brisbane@soilsurveys.com.au](mailto:brisbane@soilsurveys.com.au)

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia  
Ph +617 5500 0465, Fax +617 5500 0462, [goldcoast@soilsurveys.com.au](mailto:goldcoast@soilsurveys.com.au)

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



 <b>SOIL SURVEYS ENGINEERING PTY LIMITED</b> A.C.N. 054 043 631 Consulting Geotechnical Engineers							<b>A4</b>
<b>Drawn</b> BI	<b>Project:</b>	<b>Certification Of Earthwork</b>			<b>Drawing No.</b>  <b>2-11753-02</b>		
<b>Date</b> December 2016	<b>Location:</b>	<b>Stage One, The Surrounds</b>					
<b>Checked</b> CS	<b>Client:</b>	<b>Villawood Developments</b>					



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NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling - Lot 1073  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

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

#### **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1073 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1073 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

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Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au



---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot



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

Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork	
	Location:	Stage One, The Surrounds	Drawing No.  2-11753-02  A4
	Client:	Villawood Developments	



Soil Surveys Engineering Pty Limited  
Specialists in Applied Geotechnics  
A.B.N. 70 054 043 631  
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PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

#### Gold Coast Office

Job No: 214-11753  
Ref: Certificate Of Controlled Filling - Lot 1074  
Author: Curtis Skinner

16<sup>th</sup> December, 2016

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

#### **RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1074 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1074 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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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A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

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Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

---

Yours faithfully,



**C SKINNER**



**P.J DIXON (RPEQ 4150)**

for and on behalf of

**SOIL SURVEYS ENGINEERING PTY LIMITED**

Attached:          Drawing showing location of lot





 <b>SOIL SURVEYS ENGINEERING PTY LIMITED</b> A.C.N. 054 043 631 Consulting Geotechnical Engineers				
Drawn BI	Project:	Certification Of Earthwork	Drawing No.  2-11753-02	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		