

Brisbane Office
Job Number: DL20/414A
Ref No: 17668
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 828
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 828 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.
- Ipswich City Council Specifications.
- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 828 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 828 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

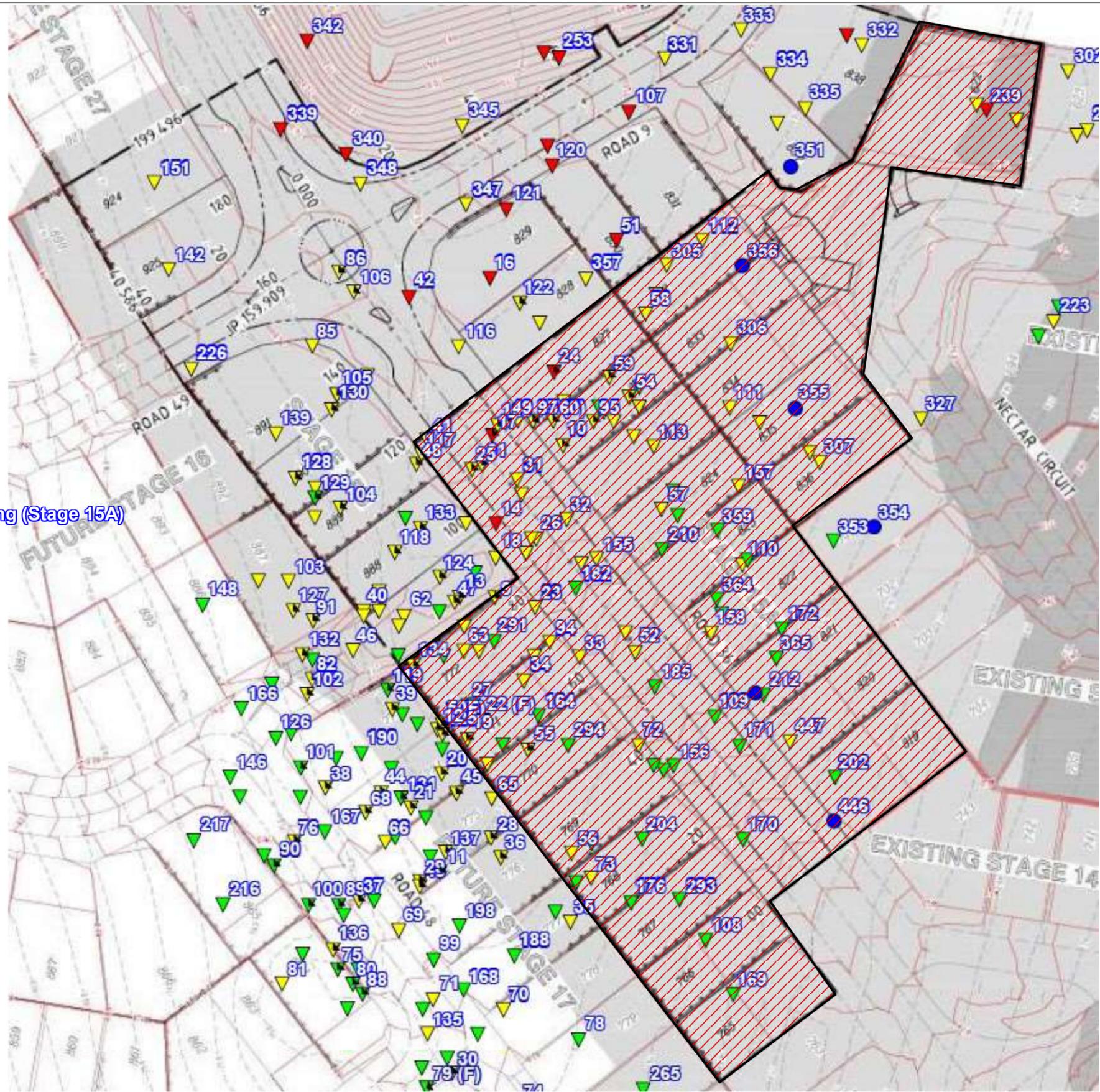


RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Pan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTHS		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



MORRISON GEOTECHNIC PTY LTD

ABN: 51 009 878 899

Unit 1/ 35 Limestone St, Darra 4076 Ph: 3279 0900
 Email: brisbanelab@morrisongeo.com.au

Engineers: M.Ballard
 D.Dragun
 Geologists: R.Howchin
 Laboratory: M.Morrison & N.O'Haire

Solid thinking. Grounded results.

Brisbane Office
Job Number: DL20/414A
Ref No: 17669
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 829
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 829 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.
- Ipswich City Council Specifications.
- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 829 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 829 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

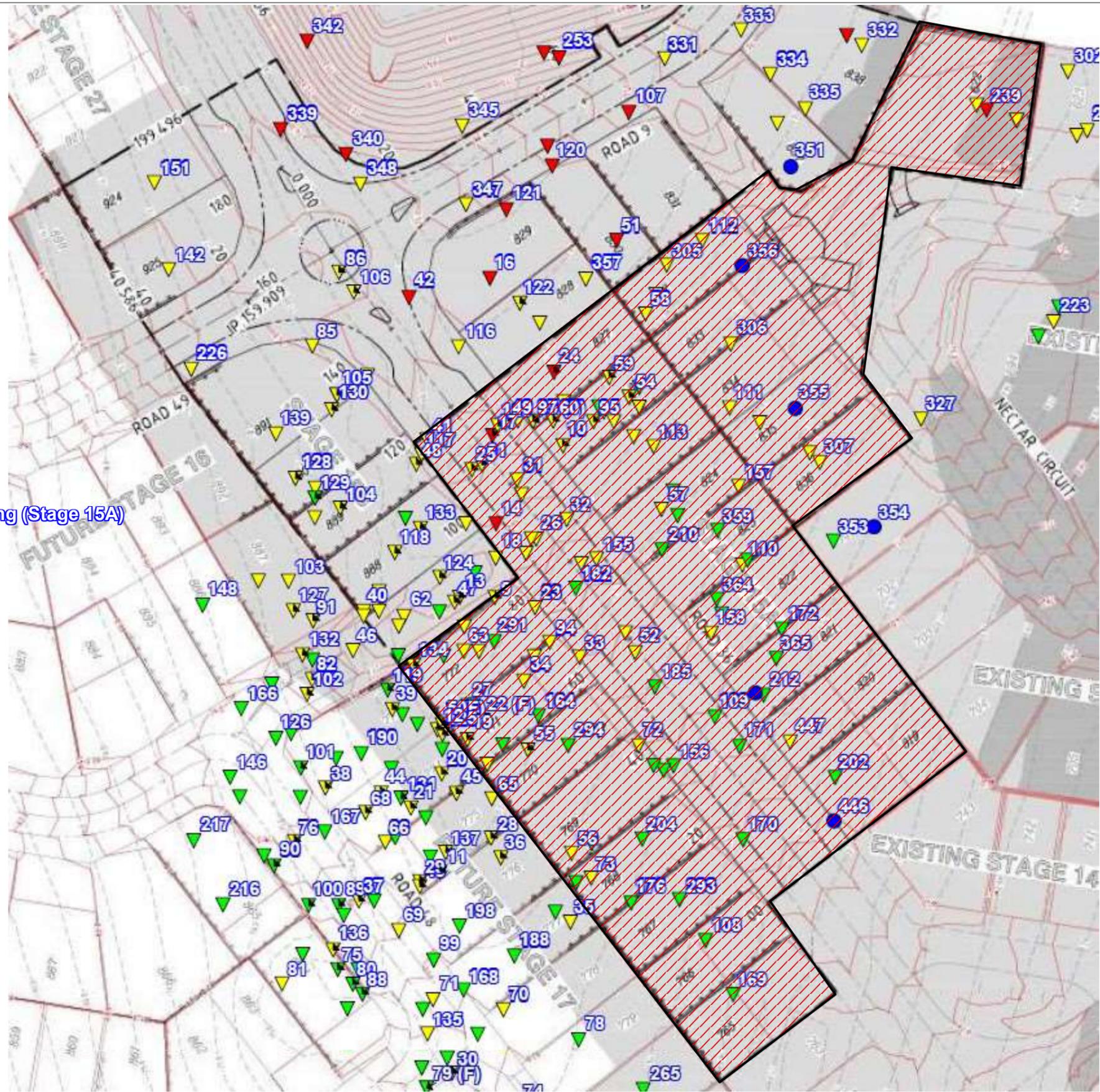
A handwritten signature in blue ink, appearing to read 'Rhys Mitchell', with a horizontal line extending to the right.

RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTHS		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



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Job Number: DL20/414A
Ref No: 17670
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 830
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 830 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.
- Ipswich City Council Specifications.
- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 830 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 830 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

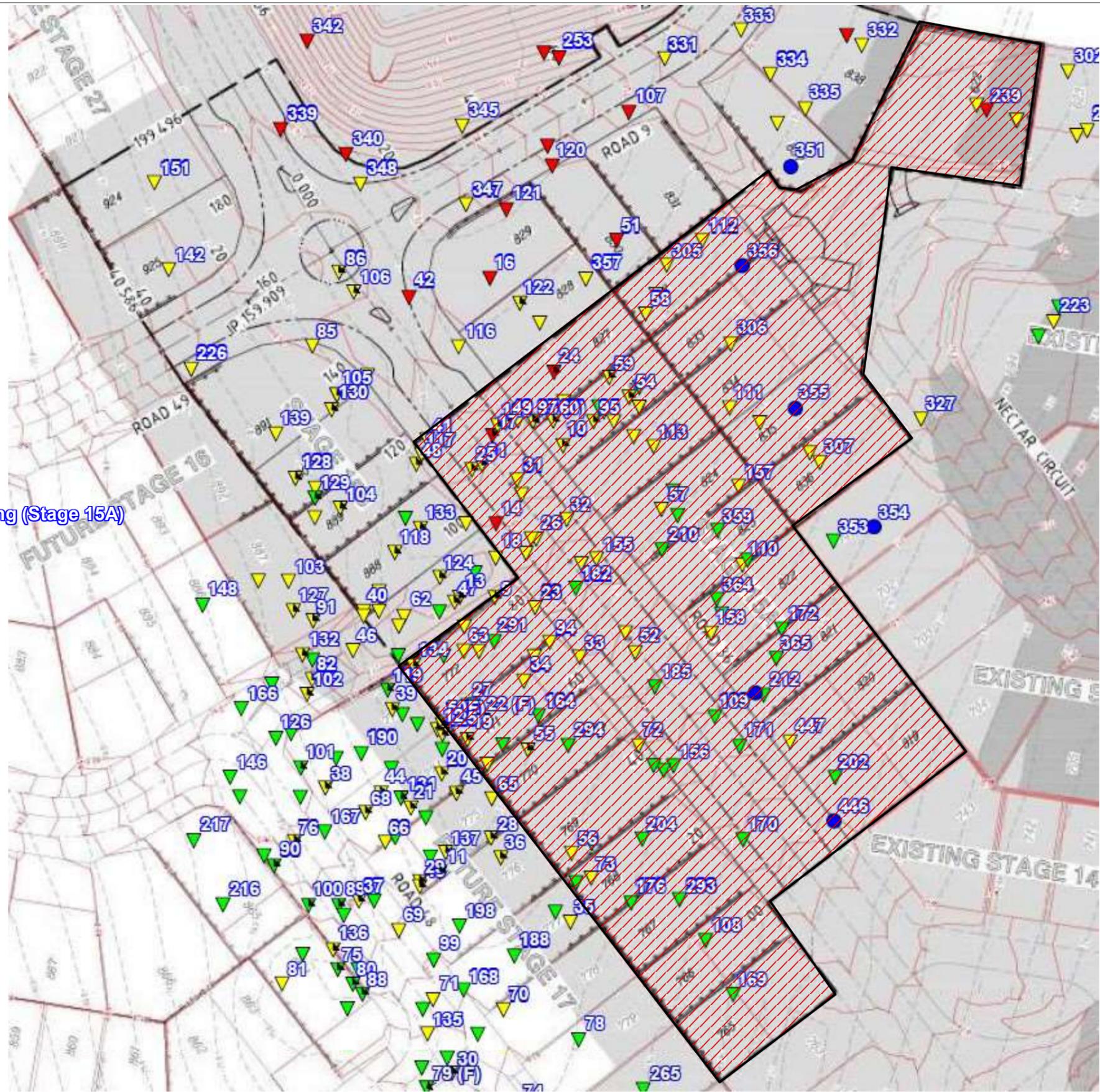


RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▲ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▲ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTH'S		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



MORRISON GEOTECHNIC PTY LTD

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Ref No: 17671
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 831
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 831 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.
- Ipswich City Council Specifications.
- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 831 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 831 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

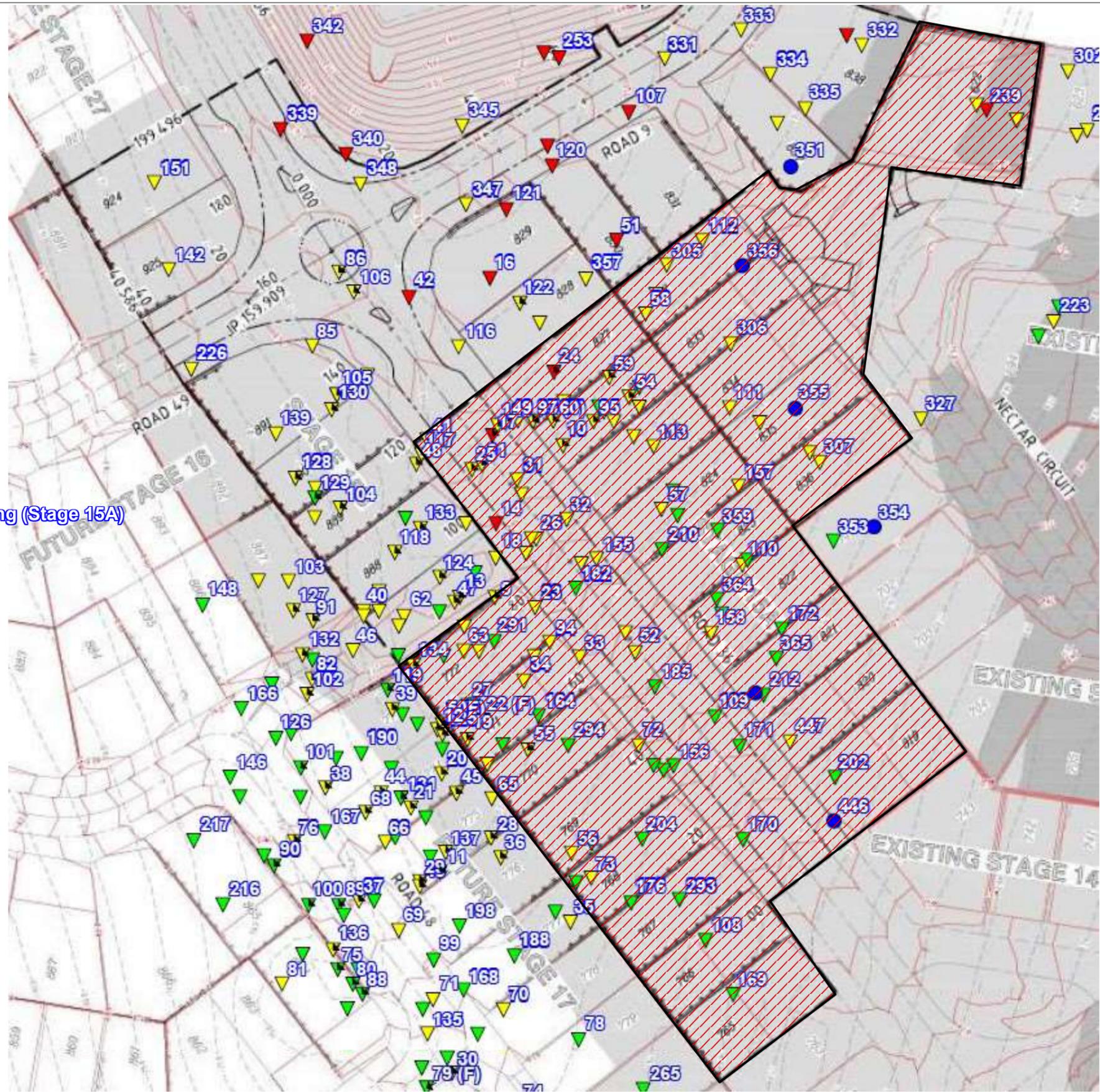
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RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTHS		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



MORRISON GEOTECHNIC PTY LTD

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 Geologists: R.Howchin
 Laboratory: M.Morrison & N.O'Haire

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Brisbane Office
Job Number: DL20/414A
Ref No: 17672
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 837
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 837 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.
- Ipswich City Council Specifications.
- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 837 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 837 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

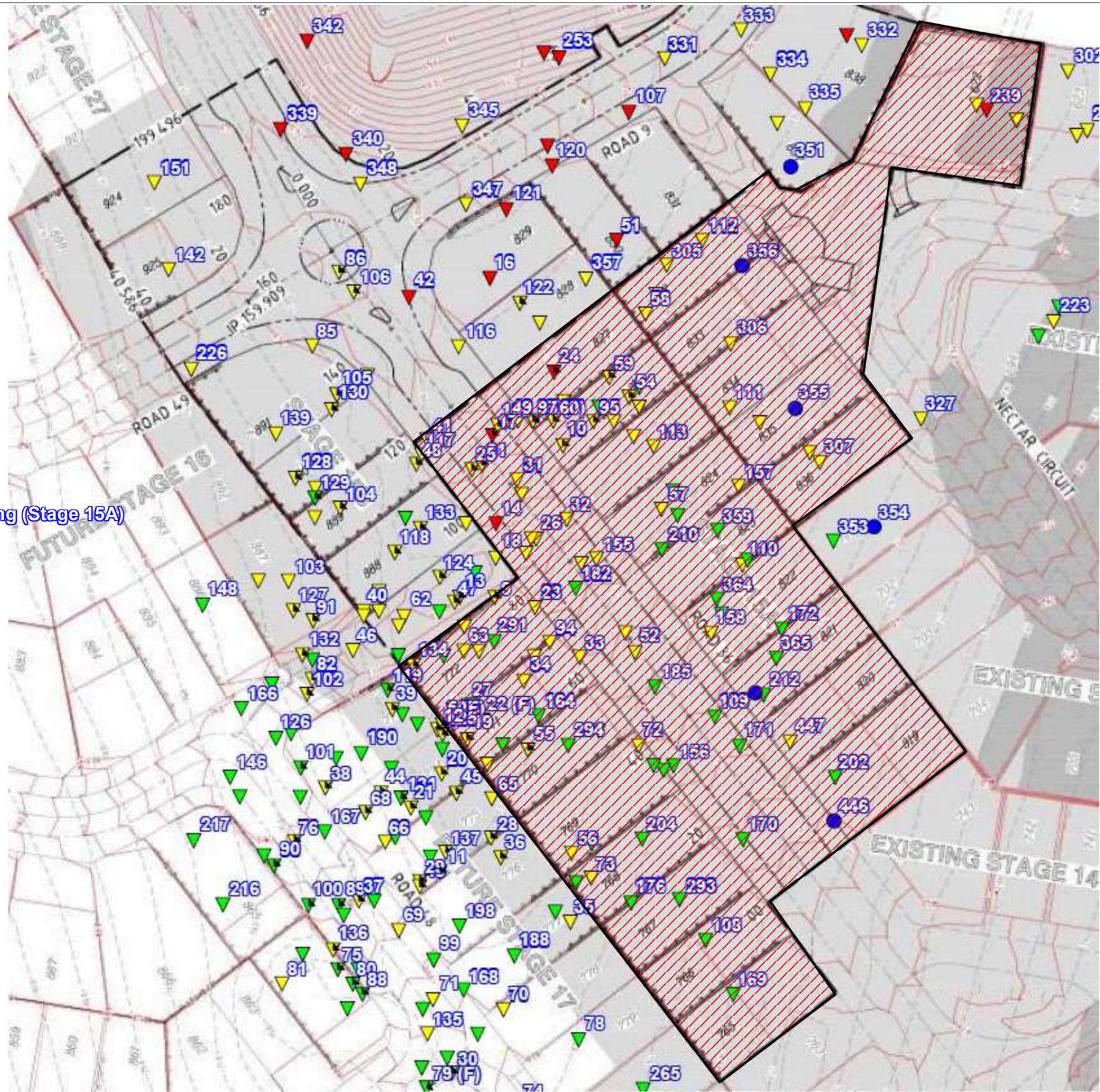


RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTHS		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



MORRISON GEOTECHNIC PTY LTD

ABN: 51 009 878 899

Unit 1/ 35 Limestone St, Darra 4076 Ph: 3279 0900
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 Laboratory: M.Morrison & N.O'Haire

Solid thinking. Grounded results.

Brisbane Office
Job Number: DL20/414A
Ref No: 17673
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 838
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 838 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

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- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 838 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 838 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

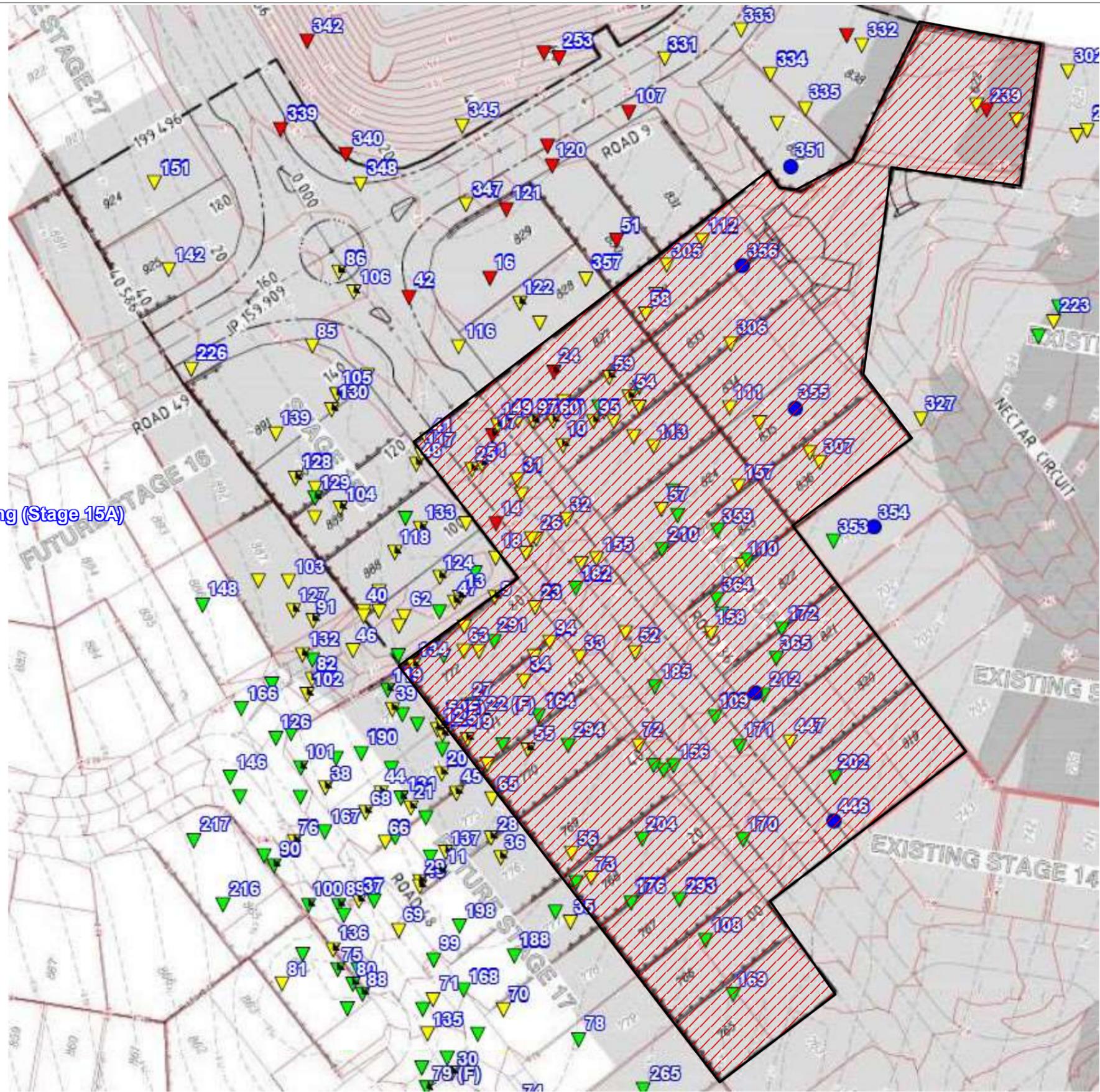


RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTH'S		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



MORRISON GEOTECHNIC PTY LTD

ABN: 51 009 878 899

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Brisbane Office
Job Number: DL20/414A
Ref No: 17674
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

RE: LOT 888
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B

Earthworks filling operations were carried out on Lot 888 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

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A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 888 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 888 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

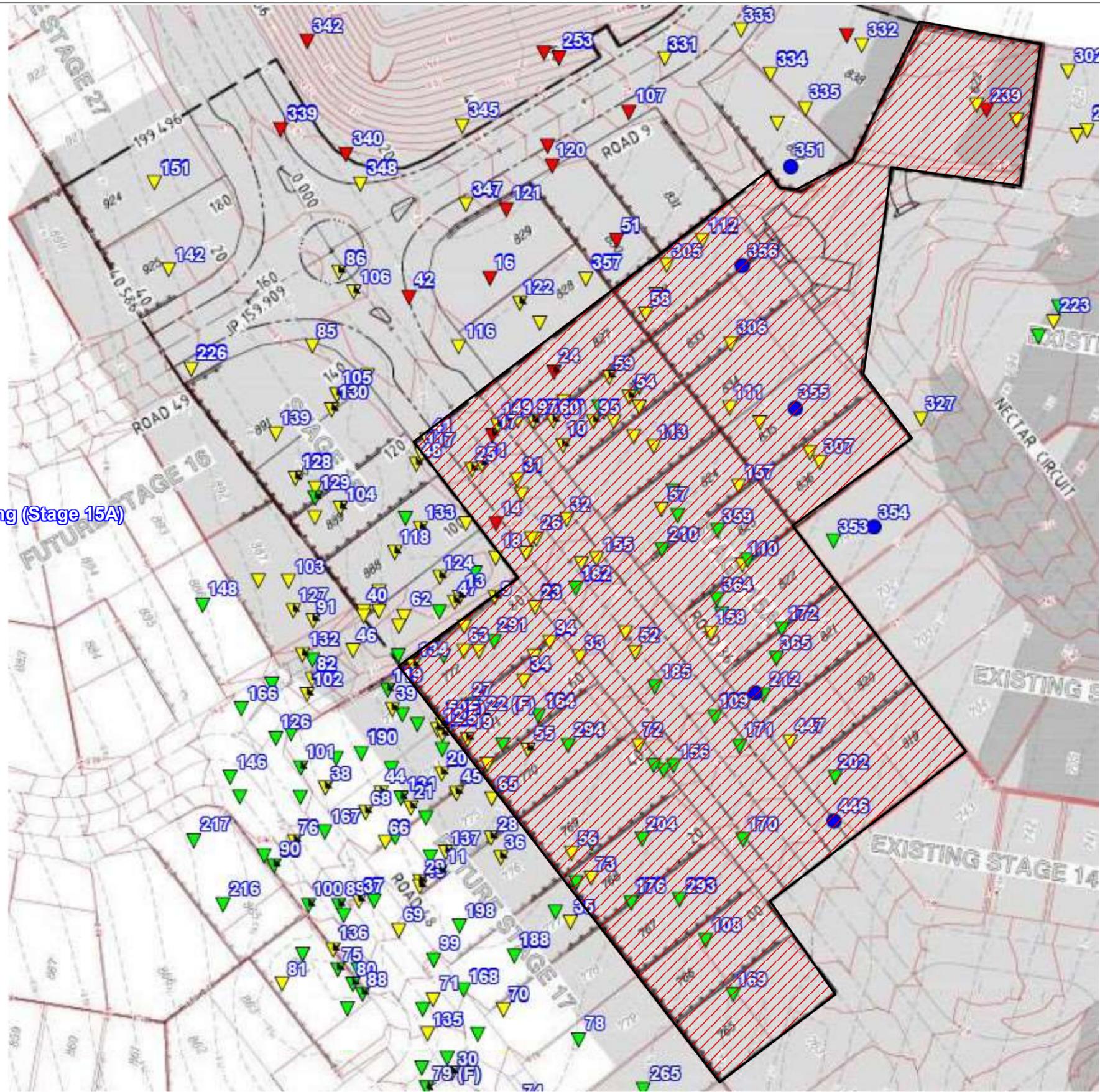


RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTH'S		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



MORRISON GEOTECHNIC PTY LTD

ABN: 51 009 878 899

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Brisbane Office
Job Number: DL20/414A
Ref No: 17675
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 890
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 890 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.
- Ipswich City Council Specifications.
- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 890 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 890 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

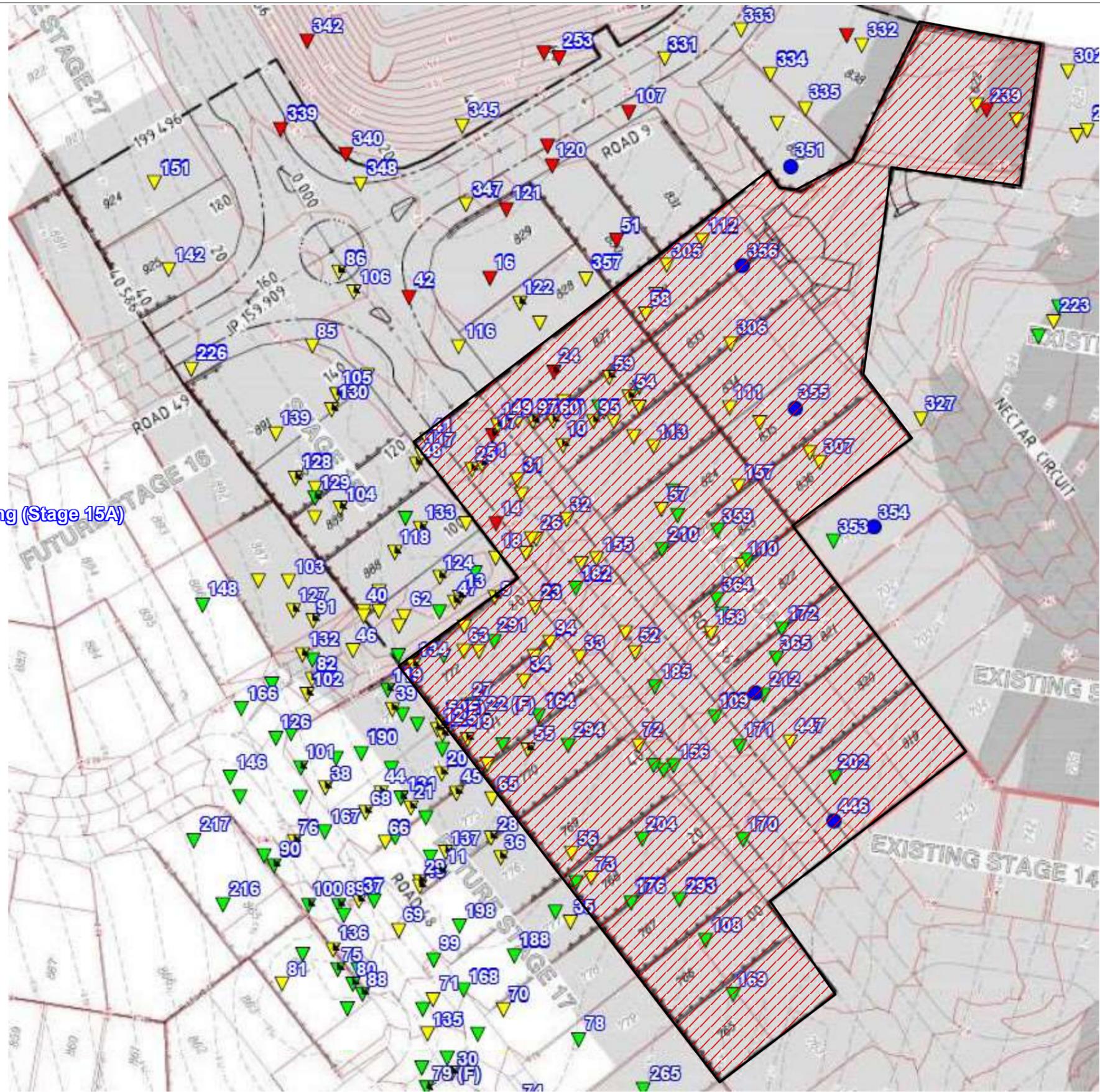


RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTHS		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



MORRISON GEOTECHNIC PTY LTD

ABN: 51 009 878 899

Unit 1/ 35 Limestone St, Darra 4076 Ph: 3279 0900
 Email: brisbanelab@morrisongeo.com.au

Engineers: M.Ballard
 D.Dragun
 Geologists: R.Howchin
 Laboratory: M.Morrison & N.O'Haire

Solid thinking. Grounded results.

Brisbane Office
Job Number: DL20/414A
Ref No: 17676
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 891
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 891 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.
- Ipswich City Council Specifications.
- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 891 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 891 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

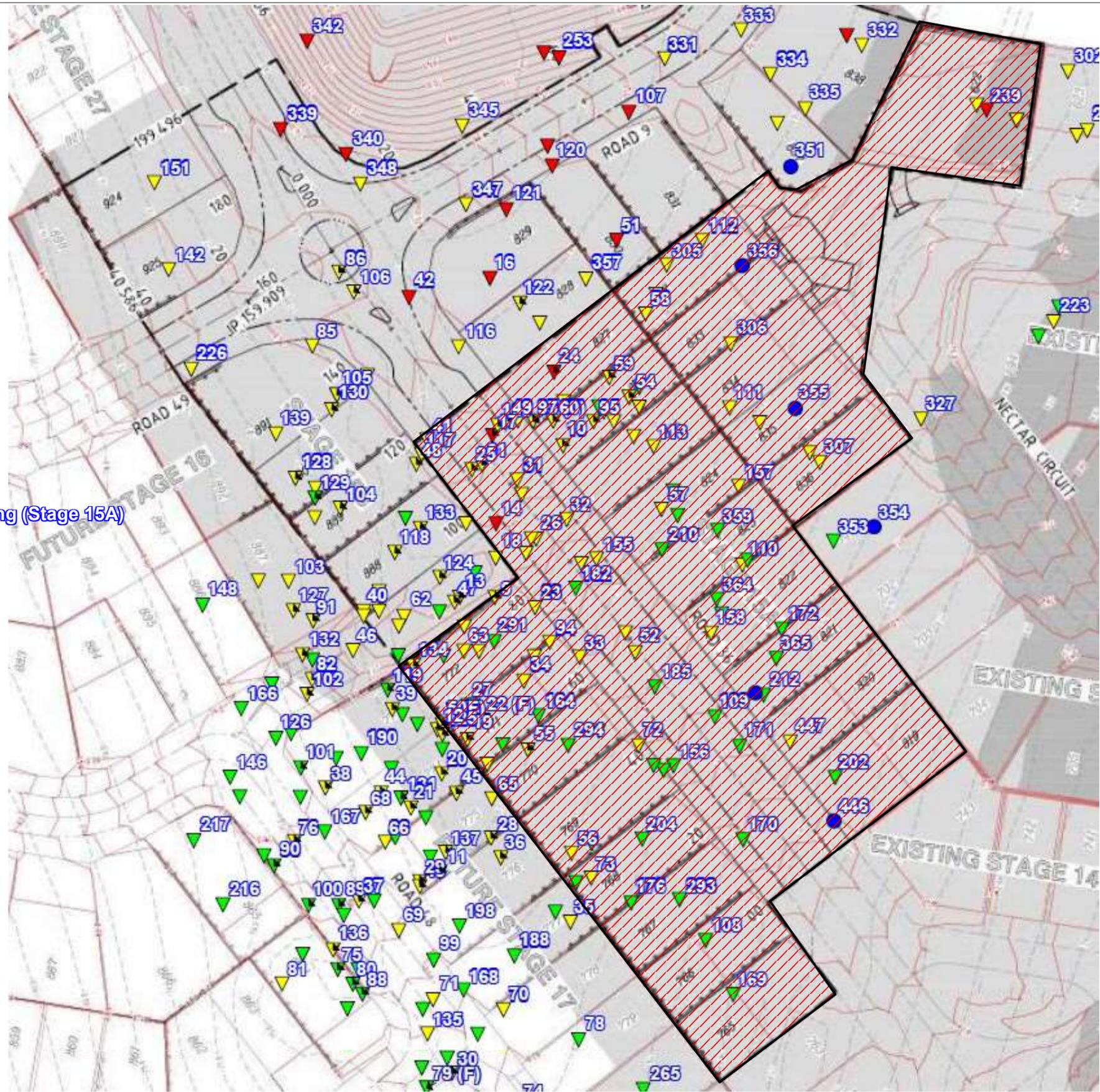
A handwritten signature in blue ink, appearing to read 'Rhys Mitchell', with a horizontal line extending to the right.

RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTH'S		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



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 Geologists: R.Howchin
 Laboratory: M.Morrison & N.O'Haire

Solid thinking. Grounded results.

Brisbane Office
Job Number: DL20/414A
Ref No: 17677
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 924
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 924 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.
- Ipswich City Council Specifications.
- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 924 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 924 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

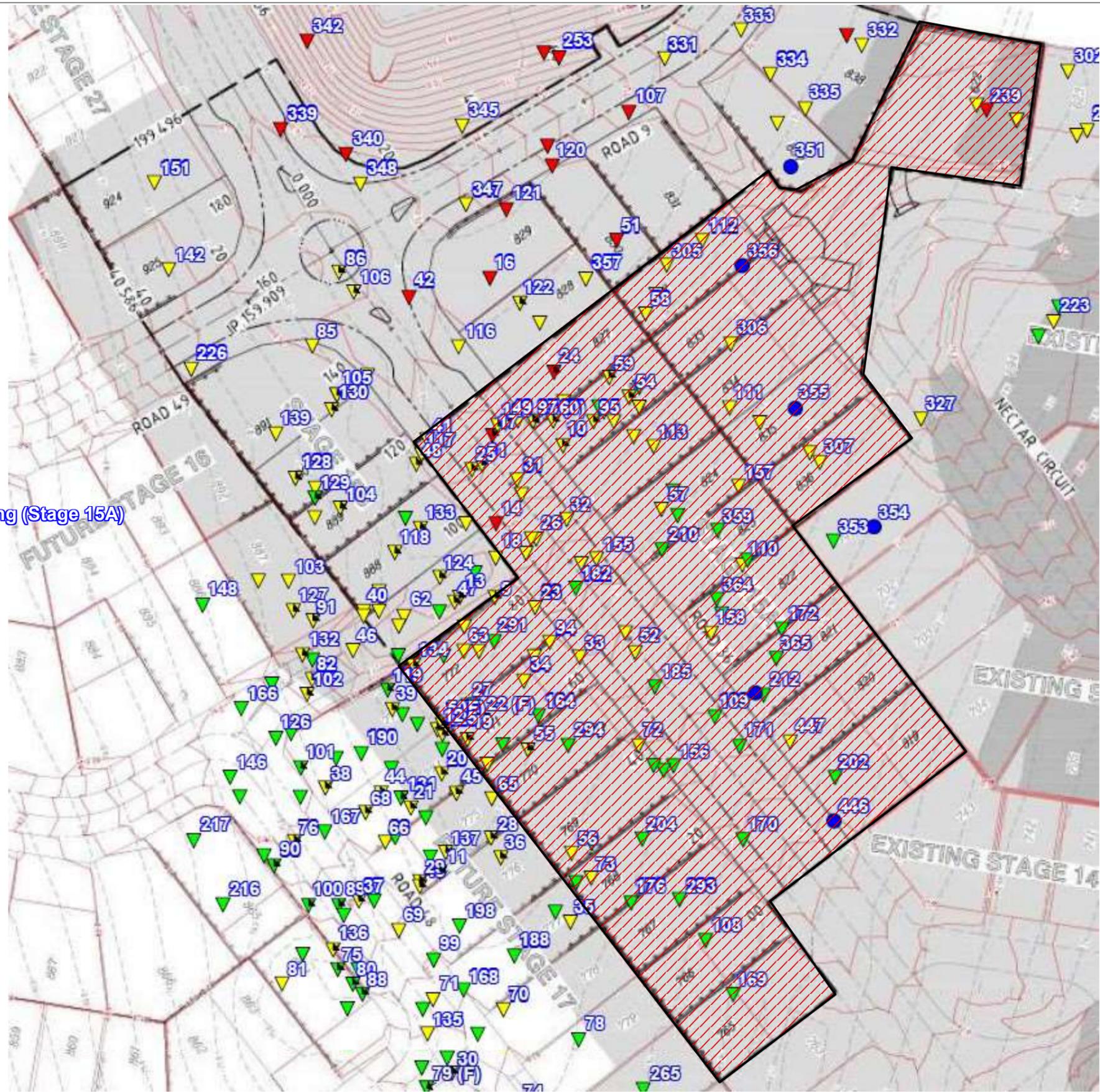


RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTH'S		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



MORRISON GEOTECHNIC PTY LTD

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Unit 1/ 35 Limestone St, Darra 4076 Ph: 3279 0900
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 Geologists: R.Howchin
 Laboratory: M.Morrison & N.O'Haire

Solid thinking. Grounded results.

Brisbane Office
Job Number: DL20/414A
Ref No: 17678
Author: R. Mitchell

7th May 2021

Shadforths Civil Pty Ltd
99 Sandalwood Lane
Forest Glen 4556

ATTENTION: MR MICHAEL PRITCHARD
Email: Michael.Pritchard@shadcivil.com.au

Dear Sir,

**RE: LOT 925
LEVEL ONE COMPLIANCE REPORT FOR
EARTHWORKS FILL CONSTRUCTION
EDENS CROSSING STAGE 15B**

Earthworks filling operations were carried out on Lot 925 at the above Development to form a working platform to support a future residential building.

Early Earthworks were constructed by Shadforths (The Client) with Stage 15A works between November 2018 and July 2019.

Earthworks were constructed by Shadforths Civil (The Client) between January 2021 and April 2021.

This report should be read in conjunction with Morrison Geotechnic Report “17415 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15A Dated 5th February 2021 & with Morrison Geotechnic Report “17663 – DL20/414A Shadforths – Level One Compliance Report – Eden’s Crossing Stage 15B Dated 5th May 2021.

The Brief from the Client for was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
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- Notes on KN Group Pty Ltd Civil Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing.

Compaction testing at the Eden’s Crossing Stage 15B Development was carried out at a frequency of 1 test per 500m³ of placed and compacted fill as defined in AS3798 Table 8.1. Test locations were selected using Random Stratified methods. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not required on each individual Lot.

A marked-up site plan shown the location of compaction testing is attached.

Fill constructed on Lot 925 has been observed to be placed and compacted in accordance with the Brief. The fill on Lot 925 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing or any other subsequent earthworks after April 2021.

If there are any queries concerning the above please do not hesitate to contact this office, or alternatively send to my email at rmitchell@mgeo.com.au

Yours faithfully,

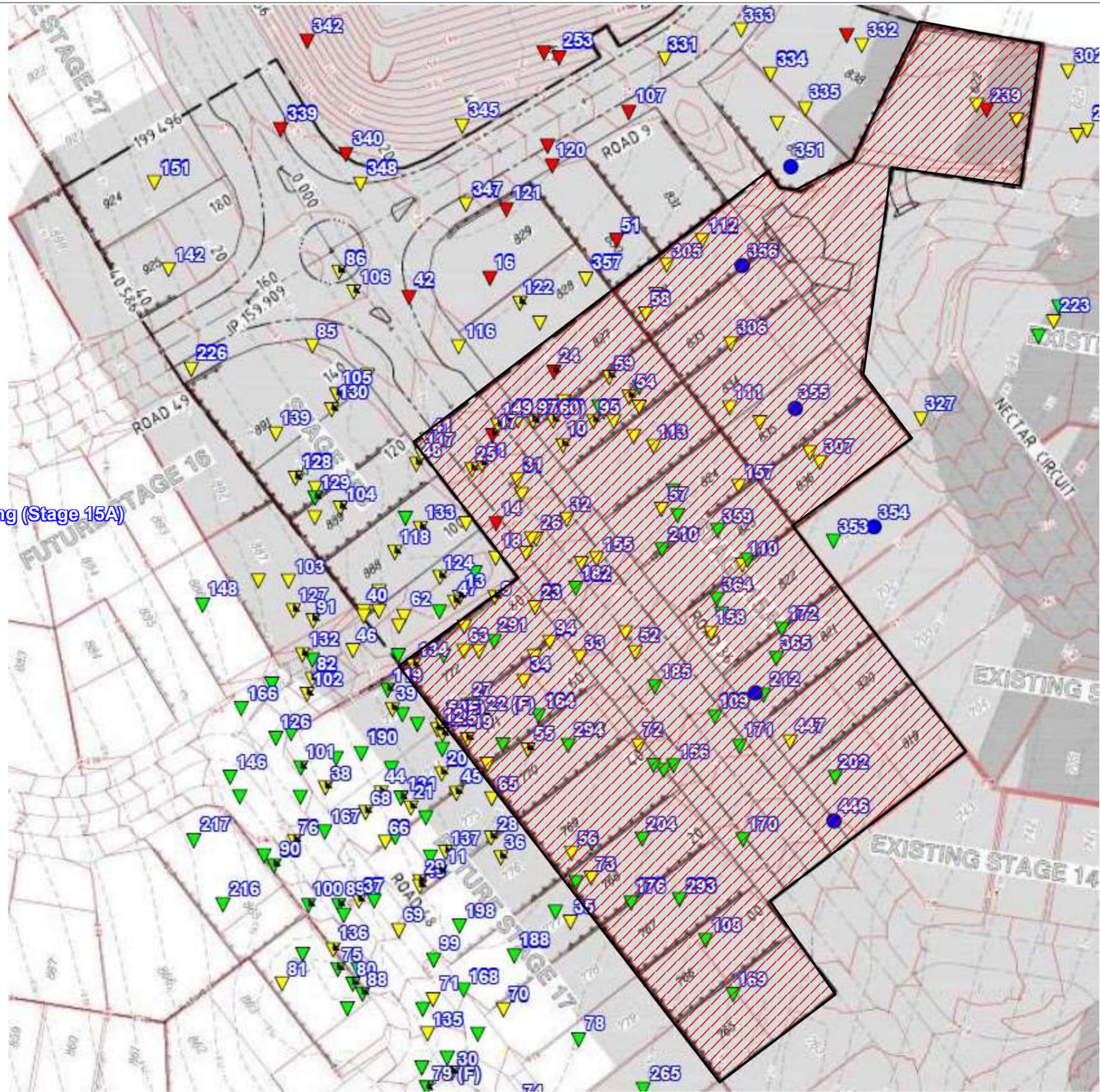
A handwritten signature in blue ink, appearing to read 'Rhys Mitchell', with a horizontal line extending to the right.

RHYS MITCHELL

For and on Behalf of

MORRISON GEOTECHNIC PTY LIMITED

Encl: Marked Up Site Plan



LEGEND



Approximate Extents of Controlled Filling (Stage 15A)

LEGEND

- ▼ 0.0 - 0.99 Below Final Level
- ▼ 1.0 - 1.99 Below Final Level
- ▼ 2.0 - 2.99 Below Final Level
- ▼ 3.0 - 3.99 Below Final Level
- ▼ 4.0 - 4.99 Below Final Level
- Final Level

Map Description :	EARTHWORKS FIELD DENSITY TESTING - Level 1 Inspection		
Client :	SHADFORTH'S		
Project :	EDENS CROSSING STAGE 15A		
Project No :	DL20/414A	Drawing No :	DL20/414A-01
		Scale :	Not to Scale



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