

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1150**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1151**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1152**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1153**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1154**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1155**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1156**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1157**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1158**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1166**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1167**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1168**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1169**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1170**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1214**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1215**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1216**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1217**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1218**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1227

30th September 2016

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 26 – LOT 1219**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

Phone: 61 7 3320 8500
www.cardno.com.au

This is to confirm that placement and compaction of the allotment fill for the above project and Lot was supervised by Cardno Construction Sciences Pty Ltd under Level 1 arrangements as described in AS3798-2007 "Guidelines on earthworks for commercial and residential developments".

This indicates that the fill was compacted to at least the minimum density ratio in accordance with the specification requirements and it is considered that the fill may be deemed to be "controlled fill" in accordance with AS2870-2011 "Residential Slabs & Footings".

It may be that non-structural topsoil was placed on the block after completion of the structural fill. This would need to be removed as part of the site preparation for building and driveway construction.

I trust this meets your requirements. Please do not hesitate to contact me if you have any queries.

Yours faithfully



GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au