

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1220**

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

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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 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1221**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

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Acacia Ridge QLD 4110
Australia

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15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1222**

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

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www.cardno.com.au

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15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1223**

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
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15th February 2017

BMD Urban
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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1224**

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
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BMD Urban
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WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1225**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

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Acacia Ridge QLD 4110
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15th February 2017

BMD Urban
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WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1226**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

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BMD Urban
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WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1227**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
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15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1228**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

PO Box 253
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BMD Urban
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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1229**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
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BMD Urban
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WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1213**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

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BMD Urban
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WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1212**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

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BMD Urban
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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1211**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
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BMD Urban
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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1210**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Acacia Ridge QLD 4110
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BMD Urban
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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1209**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 3024**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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BMD Urban
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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 3023**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1252**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1253**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1254**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1255**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1256**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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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 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1257**

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

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Yours faithfully



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For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1258**

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
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Yours faithfully



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

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1259**

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
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Yours faithfully



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

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1260**

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
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Yours faithfully



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

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1261**

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

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1265**

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

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For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1266**

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
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For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1267**

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
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CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1268**

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
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Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1269**

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

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geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1270**

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

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For CARDNO
CONSTRUCTION SCIENCES DIVISION
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Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1271**

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

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For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1272**

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
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geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1281**

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

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Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1282**

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
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For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1283**

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

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For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1284**

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
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Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1285**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

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15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1286**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
Australia

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For CARDNO
CONSTRUCTION SCIENCES DIVISION
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15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1287**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

1 Fox Road
Acacia Ridge QLD 4110
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15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1288**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Acacia Ridge QLD 4110
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GEOFF TURLEY
LABORATORY SUPERVISOR
For CARDNO
CONSTRUCTION SCIENCES DIVISION
geoff.turley@cardno.com.au

Ref: 1979 P 1261

15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1289**

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



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15th February 2017

BMD Urban
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WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1290**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Acacia Ridge QLD 4110
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15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1291**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Acacia Ridge QLD 4110
Australia

PO Box 253
Acacia Ridge QLD 4110
Australia

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15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1292**

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

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15th February 2017

BMD Urban
PO Box 197
WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1241**

Cardno Construction Sciences Pty Ltd
ABN 74 128 806 735

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Acacia Ridge QLD 4110
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15th February 2017

BMD Urban
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WYNNUM QLD 4178

Dear Sir,

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL
THE RISE AT PROVIDENCE, RIPLEY STAGE 30 – LOT 1242**

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ABN 74 128 806 735

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Acacia Ridge QLD 4110
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