

Ref: 1979 P 1109

4<sup>th</sup> July 2016

BMD Urban Pty Ltd  
PO Box 197  
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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](http://www.cardno.com.au)

Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 653**

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".

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Yours faithfully



SANDY PAYNTER  
LABORATORY MANAGER  
For CARDNO  
CONSTRUCTION SCIENCES DIVISION  
[alexander.paynter@cardno.com.au](mailto:alexander.paynter@cardno.com.au)

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 654**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 655**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 656**

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**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 657**

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PROVIDENCE RIPLEY STAGE 21 – LOT 658**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1003**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1004**

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PROVIDENCE RIPLEY STAGE 21 – LOT 1018**

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4<sup>th</sup> July 2016

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1021**

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".

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

Yours faithfully



SANDY PAYNTER  
LABORATORY MANAGER  
For CARDNO  
CONSTRUCTION SCIENCES DIVISION  
[alexander.paynter@cardno.com.au](mailto:alexander.paynter@cardno.com.au)

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1022**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1023**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1024**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1025**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1026**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1027**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1028**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1177**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1178**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1179**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1180**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1181**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1182**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1183**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1184**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1189**

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1190**

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**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1193**

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For CARDNO  
CONSTRUCTION SCIENCES DIVISION  
[alexander.paynter@cardno.com.au](mailto:alexander.paynter@cardno.com.au)

Ref: 1979 P 1109

4<sup>th</sup> July 2016

BMD Urban Pty Ltd  
PO Box 197  
WYNNUM QLD 4078

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](http://www.cardno.com.au)

Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 1194**

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



SANDY PAYNTER  
LABORATORY MANAGER  
For CARDNO  
CONSTRUCTION SCIENCES DIVISION  
[alexander.paynter@cardno.com.au](mailto:alexander.paynter@cardno.com.au)

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Dear Sir

**INSPECTION OF PLACEMENT AND COMPACTION OF ALLOTMENT FILL  
PROVIDENCE RIPLEY STAGE 21 – LOT 9014**

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



SANDY PAYNTER  
LABORATORY MANAGER  
For CARDNO  
CONSTRUCTION SCIENCES DIVISION  
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