Mott MacDonald

File ref
Our ref 312012-29
T 02 6921 1877
E peter.kennard@mottmac.com.au
Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: CRUSHERS 5 & 6 – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The crusher pit and framing is a cast insitu slab with tilt-up walls, stabilised by the perimeter paving. The work was designed by Mott MacDonald.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the crusher pit 5 & 6 design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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E peter.kennard@mottmac.com.au
Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: TRANSFORMER SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The Transformer Shed is a 4.5mW x 18mL x 3.0mH purlin framed metal clad shed with a 200 slab and pit, and trenches for services.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: SOUTHSIDE REFRIGERATION SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The Refrigeration Shed is a 18mL x 15mW x 5.5mH steel framed metal clad shed on a flat concrete slab.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: SOUTHSIDE BAG PRESS AREA – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The bag press area consists of 8 elevated bag presses on pedestals with canopy over, designed, documented and inspected during construction by Mott MacDonald.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the footings, pedestals and canopy design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: SOUTHSIDE REFRIFERATION TANKS & COOLING TOWERS – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The tanks and cooling towers bear on pedestals or plinths on a thick concrete slab.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the slab design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: SOUTHSIDE PROCESSING SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The Processing Shed is a 56mL x 30mW x 6.0mH portal frame shed with framing at 8m cts. It has generally open sides below a 1.5m skirt.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: BOILER HOUSE – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The Boiler House is a 18mL x 16mW x 5mH portal frame shed with 6m bays.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: RDV's – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The RDV's are under a steel framed covered area and elevated on a steel support frame. The covered area, frame and pre-cast concrete walls were designed, documented and inspected by Mott MacDonald.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the covered area and elevated frame design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: SOUTHSIDE TANK FARM – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The tank farm slab is a variable thickness slab (depending on the size of the tanks) with infill slab. The design is a Mott MacDonald design.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the tank farm slab design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: ACID MAKE-UP SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The shed is 6mL x 3mW x 6mH skillion shed to support a 750kg monorail. The shed has previously been checked by Mott MacDonald to certify the SWL of the crane.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: DRY GOODS SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The shed is a 40mL x 30mW x 8mH portal frame shed with 7.5m bays on piered footings with an infill concrete slab.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

Mott MacDonald

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

26 September 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: BOTTLE SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 20 September 2012. The shed is a 35mL x 30mW x 8mH portal frame shed with 7.5m bays on piered footings with an infill concrete slab.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

PETER KENNARD
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: WAREHOUSE E AWNING – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The awning is a 48mL x 26mW x 6.5mH portal frame awning attached to Warehouse E with framing at 12m cts. It has generally open sides below a 1.5m skirt

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the awning design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR. **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: WAREHOUSE E – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The warehouse is a 45mL x 26mW x 6.5mH portal frame shed with framing at 7.5m cts. The warehouse is fully clad with roller door access at end walls.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the warehouse design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

File ref
Our ref 312012-29
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E peter.kennard@mottmac.com.au
Your ref

Mott MacDonald

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: WAREHOUSE D – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The warehouse is a 45mL x 26mW x 6.5mH portal frame shed with framing at 7.5m cts. Warehouse D is attached to Warehouse E with an under cover roof that spans 14m. The warehouses are similar, though warehouse D having roller door access only adjacent to warehouse E.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the warehouse design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

For **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

File ref
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T 02 6921 1877
E peter.kennard@mottmac.com.au
Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: WAREHOUSE C – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The warehouse is a 45mL x 26mW x 6.5mH portal frame shed with framing at 7.5m cts. Warehouse C is attached to Warehouse B with an under cover roof that spans 14m. The warehouses are similar, though warehouse C having roller door access only adjacent to warehouse B.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the warehouse design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

For **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

File ref
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E peter.kennard@mottmac.com.au
Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: WAREHOUSE B – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The warehouse is a 45mL x 26mW x 6.5mH portal frame shed with framing at 7.5m cts. The warehouse is fully clad with roller door access adjacent warehouse C.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the warehouse design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Your ref

Mott MacDonald

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: COMPRESSOR SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The shed is a 10mL x 6mW x 4mH portal frame shed with framing at 3.35m cts. The shed is fully clad and it should be noted that the cladding and purlins have been accounted for towards the stability of the structure.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

CONSULT AUSTRALIA
Member Firm

File ref
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T 02 6921 1877
E peter.kennard@mottmac.com.au
Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: TRANSFORMER SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The shed is a 6mL x 4mW x 3mH portal frame shed with framing at 2m cts. The shed is fully clad and it should be noted that the cladding and purlins have been accounted for towards the stability of the structure.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Your ref

Mott MacDonald

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: B6 SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The shed is a 48mL x 25mW x 7mH portal frame shed with framing at 6m cts. The shed is an extension off the maintenance shed. A lower rafter picks up the purlins coming off the end wall of the maintenance shed.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Your ref

Mott MacDonald

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: MAINTENANCE SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The shed is a 24mL x 25mW x 6mH portal frame shed with framing at 6m cts. There is also a 3.5m cantilever awning on the southern side 12mL x 3.5m W. The shed contains 3 hoists (2 x 1000kg and 1 x 50kg). The 50kg hoist cantilevers off the north end wall, one of the 1000kg hoists spans two of the south western bays, and the other 1000kg hoist runs at the apex. It should be noted that a bay of wall bracing (southside) has been made redundant, though has been accounted for in the design of the B6 shed.

Structural adequacy was assessed by visual inspection and structural analysis as required.

It is noted that strengthening of the portal columns with fly bracing at mid height is recommended.

Following the above recommendation being carried out to our satisfaction, I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Mott MacDonald

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: B7 SHED – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The shed is an 84mL x 30mW x 6.5mH portal frame shed with framing at 7m cts with a covered area joining B7 and the brewery, which has purlins spanning 15m. The shed is fully clad and has 2 bays of lateral bracing in each end bay.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

For **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Mott MacDonald

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: BREWERY – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The shed is a 49mL x 30mW x 6.5mH portal frame shed with framing at 7m cts. The shed is fully clad with lateral bracing within the end bays.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the shed design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOL **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Mott MacDonald

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: AMENITIES BLOCK – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The amenities block is 17mL x 12mW x 4.5mH with a 5mL x 12mW x 4.5mH verandah. The block has a 230 thick external brick wall that supports 1000 deep timber trusses, with a sheet metal flat roof and a 1200 deep tile facade.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the amenities block design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Your ref

Mott MacDonald

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: WEIGHBRIDGE OFFICE – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The weighbridge office is 11mL x 3mW x 3.5mH with an 11mL x 4mW x 3.5mH awning. The office is a portable which bears onto natural ground, with the roof framing consisting of C150 members and 75 SHS posts at 5.5m centres.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the weighbridge office design and construction is in accordance with normal engineering practice and relevant Australian Standards. It does not meet the BCA requirements for holding down, however following analysis we conclude that it is adequate to resist the design wind loads.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

File ref
Our ref 312012-29
T 02 6921 1877
E peter.kennard@mottmac.com.au
Your ref

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: WINEMAKER OFFICE – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The winemaker office is made of two portable blocks. The northern block is 12mL x 12mW x 4mH and the southern block is 15mL x 12mW x 4m. The undersides of the offices have steel members that bear onto block pillars.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the winemaker office design and construction is in accordance with normal engineering practice and relevant Australian Standards. It does not meet the BCA requirements for holding down, however following analysis we conclude that it is adequate to resist the design wind loads.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
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The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: SERPENTINE – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The serpentine is a concrete structure 55mL x 23mW. The structure has undergone noticeable consolidation though it is well articulated and has had inspections to certify the structural adequacy in relation to movement and the serviceability.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the serpentine design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111

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Your ref

Mott MacDonald

The Manager
De Bortoli Wines
PO Box 21
BILBUL NSW 2680

28 November 2012

ATTN: LINDSAY GULLIFER

Dear Sir,

RE: BLUE ROOM – DE BORTOLI WINES, GRIFFITH

I refer to your request to inspect the above structure at De Bortoli Wines in order to certify structural adequacy.

An inspection was carried out on 19 November 2012. The Blue Room is 36mL x 14mW x 6.5mH portal frame shed with framing at 6m cts. The structure is fully clad and contains a 100kg SWL hoist located on one of the northern portal frames.

Structural adequacy was assessed by visual inspection and structural analysis as required.

I hereby certify that the Blue Room design and construction is in accordance with normal engineering practice and meets the structural requirements of the BCA and relevant Australian Standards.

Yours faithfully,

Mott MacDonald

FOR **PETER KENNARD**
DIVISIONAL DIRECTOR, STRUCTURAL
BE(HONS), DIP STRUCT ENG, MIEAUST, CPENG, PCIAM
NPER – 34278, BPB (VIC) – EC2111