

HERRING STORER ACOUSTICS

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Our ref: 17372-1-12111-02

18 December 2013

Roberts Day
Level 1
130 Royal Street
EAST PERTH WA 6004

Attention: Dan Pearce
Address: Dan.Pearce@robertsday.com.au

Dear Dan,

NORTH EGLINTON RESIDENTIAL DEVELOPMENT – AMENDED STAGES 1 and 2 SPP 5.4 QUIET HOUSE DESIGN AND NOTIFICATIONS

As requested, we provide the following information regarding the acoustic requirements for Stages 1 and 2 of the North Eglinton residential development with respect to achieving compliance with the requirements of the State Planning Policy 5.4 “Road and Rail Transport Noise and Freight Considerations In Land Use Planning” (SPP 5.4).

CRITERIA

In summary, the acoustic requirements are :

Under the Western Australian Planning Commission (WAPC) Planning Policy 5.4 “*Road and Rail Transport Noise and Freight Considerations in Land Use Planning*” (SPP5.4), we believe that the appropriate criteria for assessment for this development are as listed below for “Noise Limits”.

EXTERNAL

$L_{Aeq(Day)}$ of 60 dB(A); and
 $L_{Aeq(Night)}$ of 55 dB(A).

INTERNAL

$L_{Aeq(Day)}$ of 40 dB(A) in living and work areas; and
 $L_{Aeq(Night)}$ of 35 dB(A) in bedrooms.

Noise received at an outdoor area should also be reduced as far as practicable, with an aim of achieving an L_{Aeq} of 50 dB(A) during the night period.

QUIET HOUSE DESIGN AND NOTIFICATIONS

To determine compliance with SPP 5.4, additional noise modelling was undertaken based on the revised Lot layout (as attached). Based on the results of this noise modelling, amendments were made to the lots requiring Quiet House Design and Notification on Titles to achieve compliance with SPP 5.4.

The Lots requiring Quiet House Design and Notifications are as shown on the attached Figure F1.

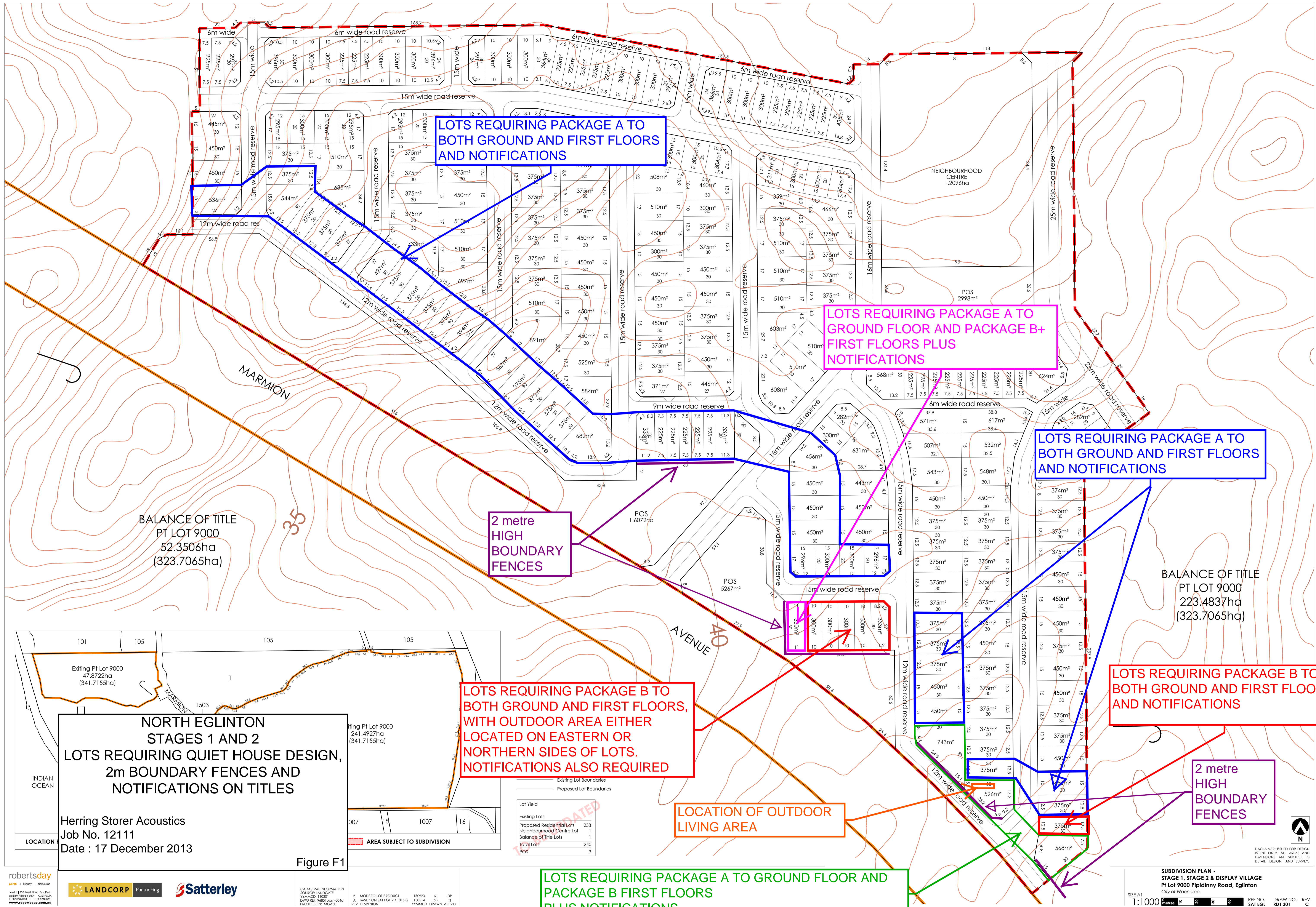
Note : The noise modelling was undertaken using the same input parameters as per previous noise modelling.

We trust the above meets your requirements on this matter and should you have any further queries please do not hesitate to contact this office.

Yours faithfully,
For **HERRING STORER ACOUSTICS**

Tim Reynolds

Att.



LOTS REQUIRING PACKAGE A TO BOTH GROUND AND FIRST FLOORS AND NOTIFICATIONS

LOTS REQUIRING PACKAGE A TO GROUND FLOOR AND PACKAGE B+ FIRST FLOORS PLUS NOTIFICATIONS

LOTS REQUIRING PACKAGE A TO BOTH GROUND AND FIRST FLOORS AND NOTIFICATIONS

2 metre HIGH BOUNDARY FENCES

LOTS REQUIRING PACKAGE B TO BOTH GROUND AND FIRST FLOORS AND NOTIFICATIONS

2 metre HIGH BOUNDARY FENCES

LOTS REQUIRING PACKAGE B TO BOTH GROUND AND FIRST FLOORS, WITH OUTDOOR AREA EITHER LOCATED ON EASTERN OR NORTHERN SIDES OF LOTS. NOTIFICATIONS ALSO REQUIRED

LOCATION OF OUTDOOR LIVING AREA

LOTS REQUIRING PACKAGE A TO GROUND FLOOR AND PACKAGE B FIRST FLOORS PLUS NOTIFICATIONS

BALANCE OF TITLE PT LOT 9000 52.3506ha (323.7065ha)

BALANCE OF TITLE PT LOT 9000 223.4837ha (323.7065ha)

NORTH EGLINTON STAGES 1 AND 2 LOTS REQUIRING QUIET HOUSE DESIGN, 2m BOUNDARY FENCES AND NOTIFICATIONS ON TITLES

Herring Storer Acoustics
Job No. 12111
Date : 17 December 2013

Figure F1

Existing Lot Boundaries	—
Proposed Lot Boundaries	- - -
Lot Yield	
Existing Lots	1
Proposed Residential Lots	238
Neighbourhood Centre Lot	1
Balance of Title Lots	1
Total Lots	240
POS	3