APPENDIX H  CONSTRUCTION VIBRATION CONTOURS CONSTRUCTION NOISE CONTOURS

Figures

1. Construction Contours at Ground Level
   [Drawing Nos. GIS-4214293-030-1 to GIS-4214293-030-12]

2. Construction Contours at 20 metres below Ground Level
   [Drawing Nos. GIS-4214293-032-1 to GIS-4214293-032-6]
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Notes:
1. Track centerline imported from design REV E
2. TBM construction radii calculated from track centerline +2.4m based on approximate measure from AC-DW-NOR-TY-001 REV C
3. Stations represented as boxes based on the outlines provided in design REV E and station design from Jasmax 3D DWG files of 03/06/2012
4. Vibration radii modelled to a 1m spatial grid (1m in X,Y)
5. Surface works derived from the REV E alignment details and station
6. Radii values supplied by Marshall Day Acoustics

Legend
- Construction Contour - Historic (surface)
- Construction Contour - Residential (surface)
- Construction Contour - Commercial (surface)
- Design - Chainage Markers
- Design - Tunnel Centreline
- Design - Station Footprint

Scale: 1:1,000

0 25 50 75 100 150 200 m

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Legend

Scale: 1:1,000

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No. BY DATE
REVISIONS
DESIGNED
DRAWN
APPROVED
CHECKED
DATE
CHECKED

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Auckland City Rail Link
Vibration Assessment
Construction Contours

Legend
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Scale: 1:1,000

0 25 50 125 1250 2500 3750 m

FEDERAL ST
ALBERT ST
ELLIOTT ST
VICTORIA ST WEST
WELLESLEY ST WEST
MAYORAL DR
DURHAM LN
DARBY ST

800 m
900 m
1000 m

1 OK 20/06/12 FINAL FOR REPORT
2 HEC 13/12/12 REMOVAL OF NOR 7

Page 3 of 12
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Scale: 1:1,000

Notes:
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2. TBM construction radii calculated from track centerline +2.4m (based on approximate measure from AC-DW-NOR-TY-001 REV C)
3. Station footprint as shown based on the outlines provided in design REV E and station design from Jasmax 3D DWG files of 13/06/2012
4. Vibration radii modelled to a 1m spatial grid (1m in X,Y)
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Vibration Assessment Construction Contours

Auckland City Rail Link

Auckland Transport
An Auckland Council Organisation

A.JYG 18/06/12
JW
JYG
-OK
20-June-12

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4. Vibration radii modelled to a 1m spatial grid (1m x 1m).
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Vibration Assessment
Construction Contours

Auckland City Rail Link

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Scale: 1:1,000

2900 m
3000 m
3100 m
3200 m
3300 m
Auckland City Rail Link

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Construction Contours

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4. Vibration radii modeled to a 1m spatial grid (3m in X,Y)
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Scale: 1:1,000

Auckland Transport
An Auckland Council Organisation
Marshall Day Acoustics

NEW NORTH RD
DOMINION RD
PORTERS AVE
BRENTWOOD AVE
ACE PL
WYNYARD RD
MINNIE ST

3400 m
3500 m
3600 m
3300 m

A JYG 18/06/12
JW
JYG
JW
OK
20-June-12

Vibration Assessment
Construction Contours

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