



KEY

- Buffer – 400 metres
- Residential Buildings
- Non Residential Buildings
- Non Residential Sensitive Buildings

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	Client				
	YORK STREET INTERCHANGE	Noise & Vibration Study Area Showing Residential and Non-Residential Buildings	Scale @ A3 NOT TO SCALE		

URS Infrastructure & Environment UK Limited
Beechill House
Beechill Road, Belfast
BT8 7RP
T: +44 (0)28 9070 5111
F: +44 (0)28 9079 5651
www.ursglobal.com

Plot Date: 03/05/2012
File Name: I:\5004 - Information Systems\47037827_York_Street_Interchange\ArcGIS\MXDs\Figure 6.7.2.mxd



KEY

Noise Difference Contours

> -5 dB decrease

-5 to -3 dB decrease

-3 to -1 dB decrease

-1 to 1 dB (negligible change)

1 to 3 dB increase

3 to 5 dB increase

> 5 dB increase

Buffer – 400 metres

Residential Buildings

Non Residential Buildings

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	Client				

ROADS Service

Figure Number
Figure 6.7.2

Scale @ A3
NOT TO SCALE

Figure Title
Noise & Vibration
Calculated Noise Level Difference
Contours (2034 Do Minimum minus
2020 Do Minimum)

Plot Date: 03/05/2012
File Name: I:\5004 - Information Systems\47037827_York_Street_Interchange\ArcGIS\MXDs\Figure 6.7.3.mxd



KEY

Noise Difference Contours

- > -5 dB decrease
- 5 to -3 dB decrease
- 3 to -1 dB decrease
- 1 to 1 dB (negligible change)
- 1 to 3 dB increase
- 3 to 5 dB increase
- > 5 dB increase

Option A Design Layout

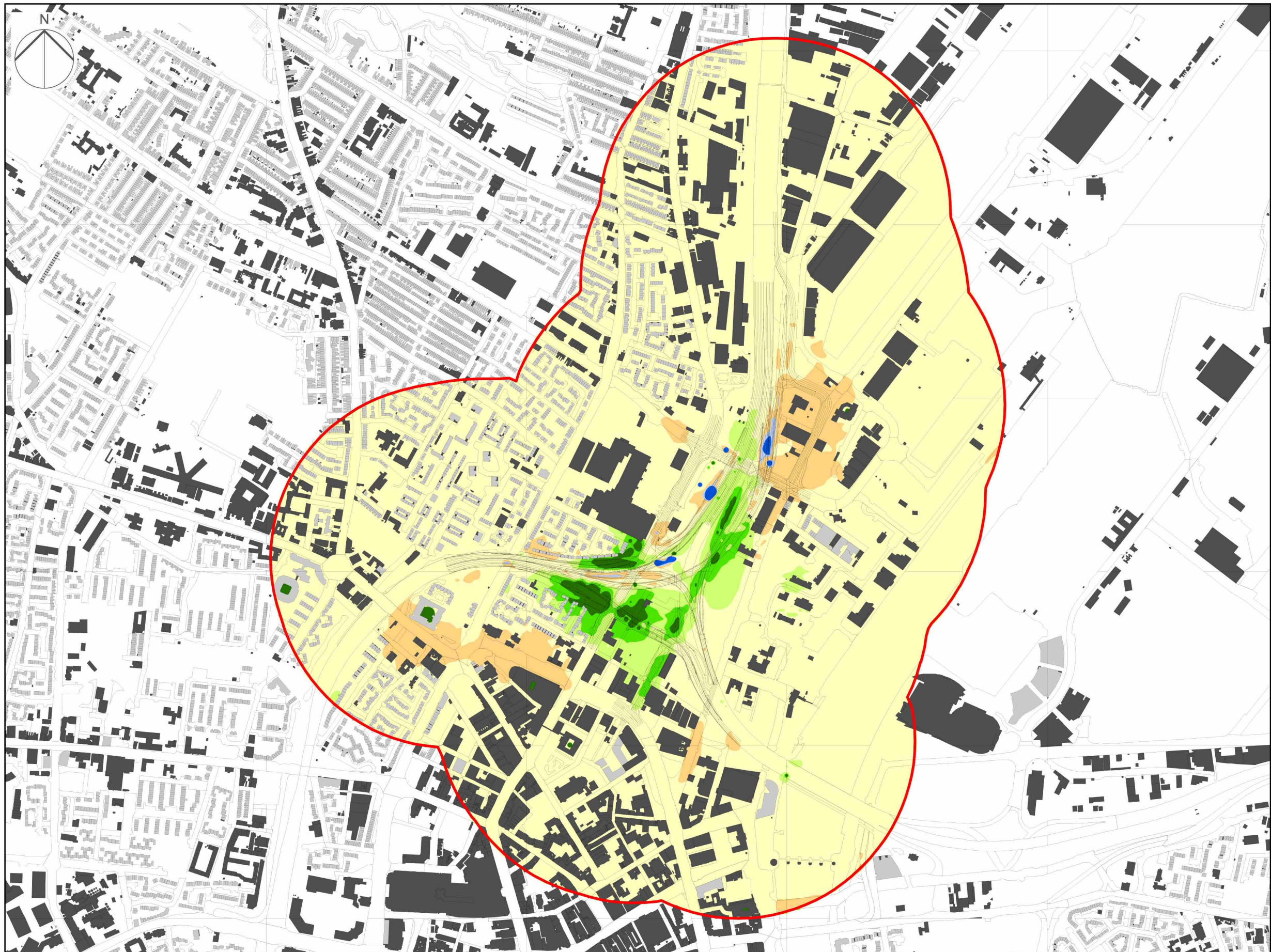
Buffer – 400 metres

Residential Buildings

Non Residential Buildings

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	Client				
	York Street Interchange	Noise & Vibration Calculated Noise Level Difference Contours (Option A: 2020 Do Something minus 2020 Do Minimum)	Scale @ A3 NOT TO SCALE	Figure Number Figure 6.7.3	

Plot Date: 03/05/2012
File Name: I:\5004 - Information Systems\47037827_York_Street_Interchange\ArcGIS\MXDs\Figure 6.7.4.mxd



KEY

Noise Difference Contours

- > -5 dB decrease
- 5 to -3 dB decrease
- 3 to -1 dB decrease
- 1 to 1 dB (negligible change)
- 1 to 3 dB increase
- 3 to 5 dB increase
- > 5 dB increase

Option B Design Layout

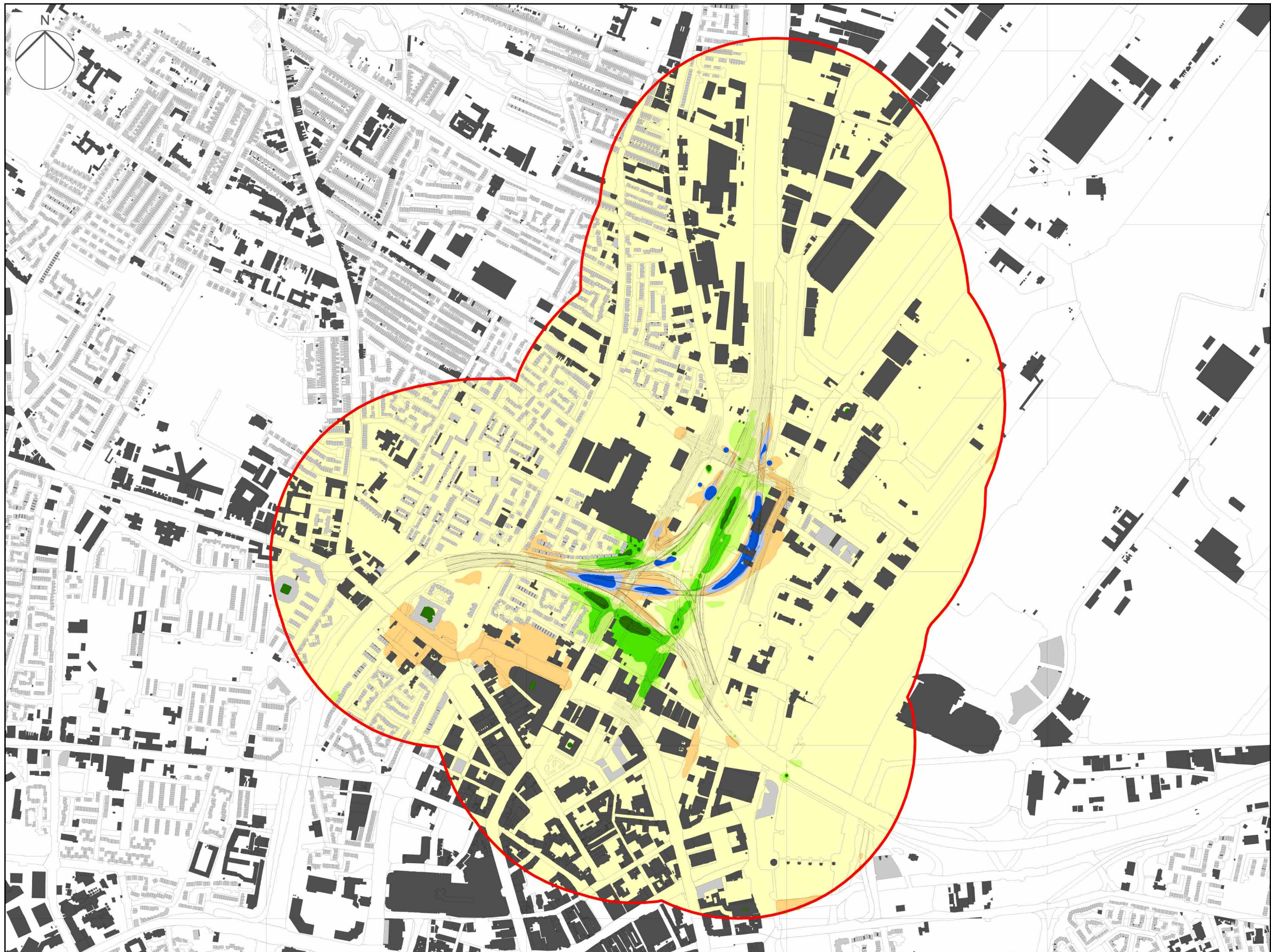
Buffer – 400 metres

Residential Buildings

Non Residential Buildings

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	Client				
	YORK STREET INTERCHANGE	Noise & Vibration Calculated Noise Level Difference Contours (Option B: 2020 Do Something minus 2020 Do Minimum)	Scale @ A3 NOT TO SCALE	Figure Number Figure 6.7.4	

Plot Date: 03/05/2012
File Name: I:\5004 - Information Systems\47037827_York_Street_Interchange\ArcGIS\MXDs\Figure 6.7.5.mxd



KEY

Noise Difference Contours

- > -5 dB decrease
- 5 to -3 dB decrease
- 3 to -1 dB decrease
- 1 to 1 dB (negligible change)
- 1 to 3 dB increase
- 3 to 5 dB increase
- > 5 dB increase

Option C Design Layout

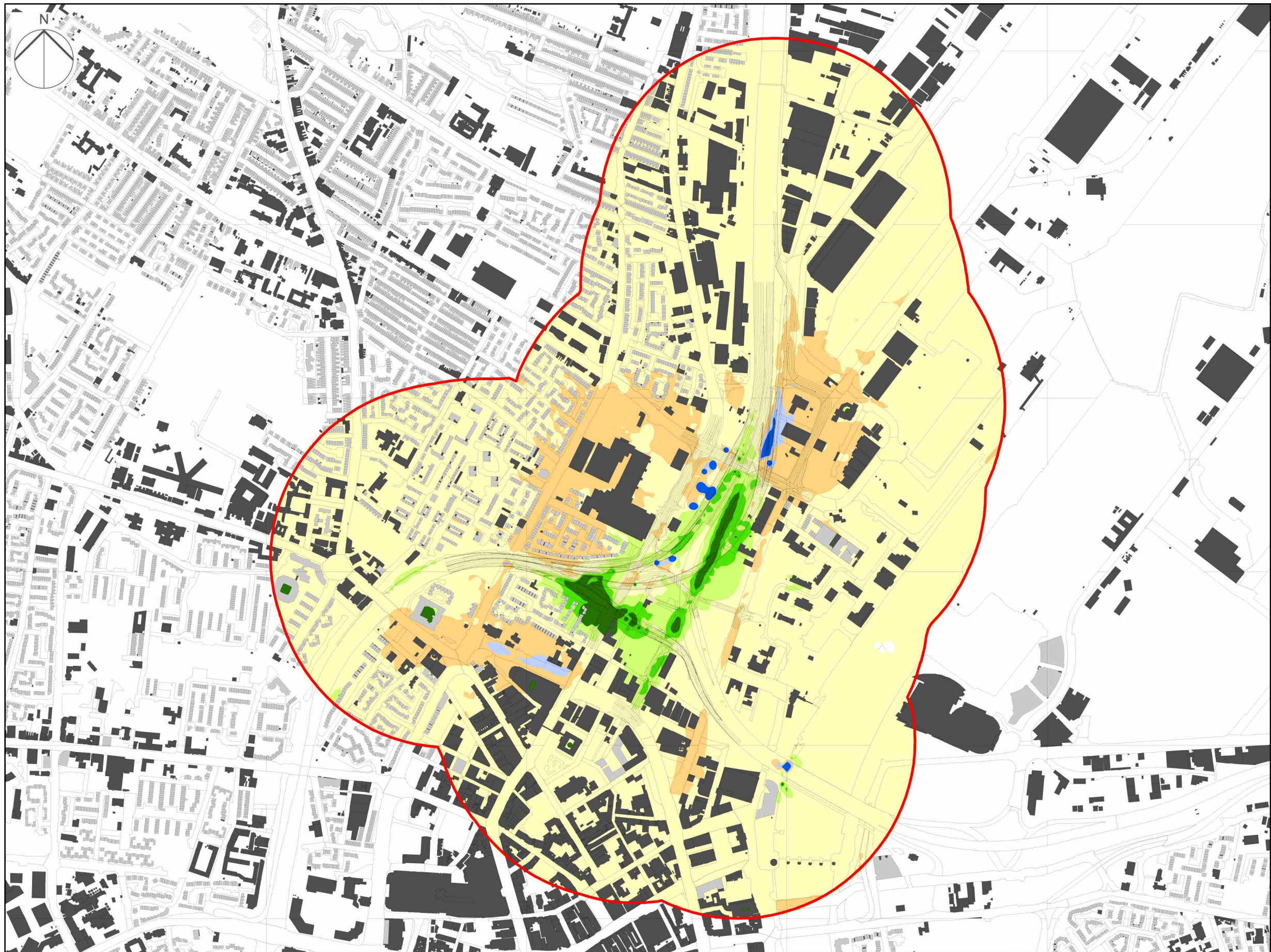
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Residential Buildings

Non Residential Buildings

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	Client				
	York Street Interchange	Noise & Vibration			
	ROADS Service	Calculated Noise Level Difference Contours (Option C: 2020 Do Something minus 2020 Do Minimum)	Scale @ A3 NOT TO SCALE	Figure Number Figure 6.7.5	

Plot Date: 03/05/2012
File Name: I:\5004 - Information Systems\47037827_York_Street_Interchange\ArcGIS\MXDs\Figure 6.7.mxd



KEY

Noise Difference Contours

> -5 dB decrease

-5 to -3 dB decrease

-3 to -1 dB decrease

-1 to 1 dB (negligible change)

1 to 3 dB increase

3 to 5 dB increase

> 5 dB increase

Option D Design Layout

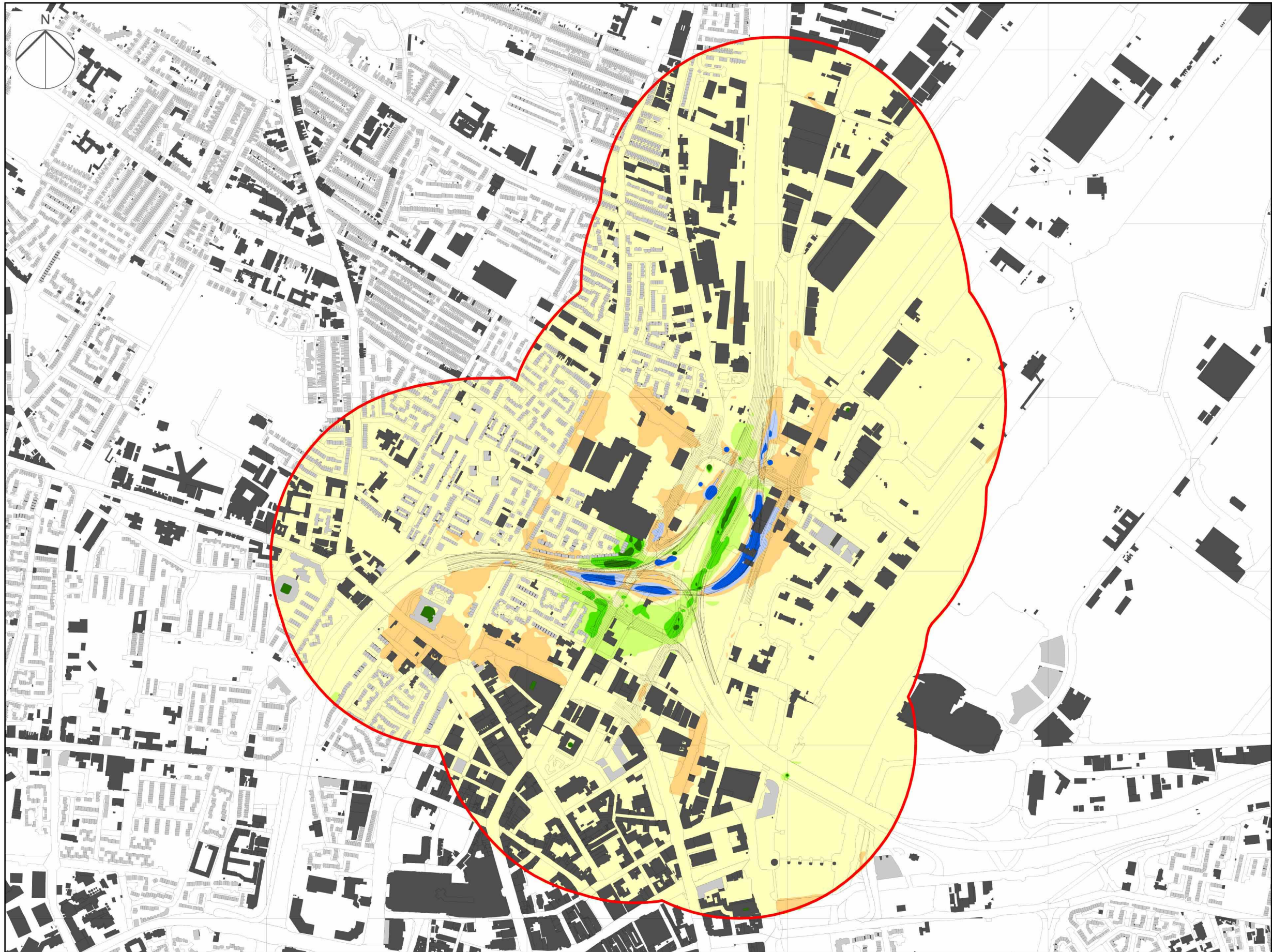
Buffer – 400 metres

Residential Buildings

Non Residential Buildings

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	Client				
	YORK STREET INTERCHANGE	Noise & Vibration Calculated Noise Level Difference Contours (Option D: 2020 Do Something minus 2020 Do Minimum)	Scale @ A3 NOT TO SCALE	Figure Number Figure 6.7.6	

Plot Date: 03/05/2012
File Name: I:\5004 - Information Systems\47037827_York_Street_Interchange\ArcGIS\MXDs\Figure 6.7.7.mxd



KEY

Noise Difference Contours


- > -5 dB decrease
- 5 to -3 dB decrease
- 3 to -1 dB decrease
- 1 to 1 dB (negligible change)
- 1 to 3 dB increase
- 3 to 5 dB increase
- > 5 dB increase

Option A Design Layout

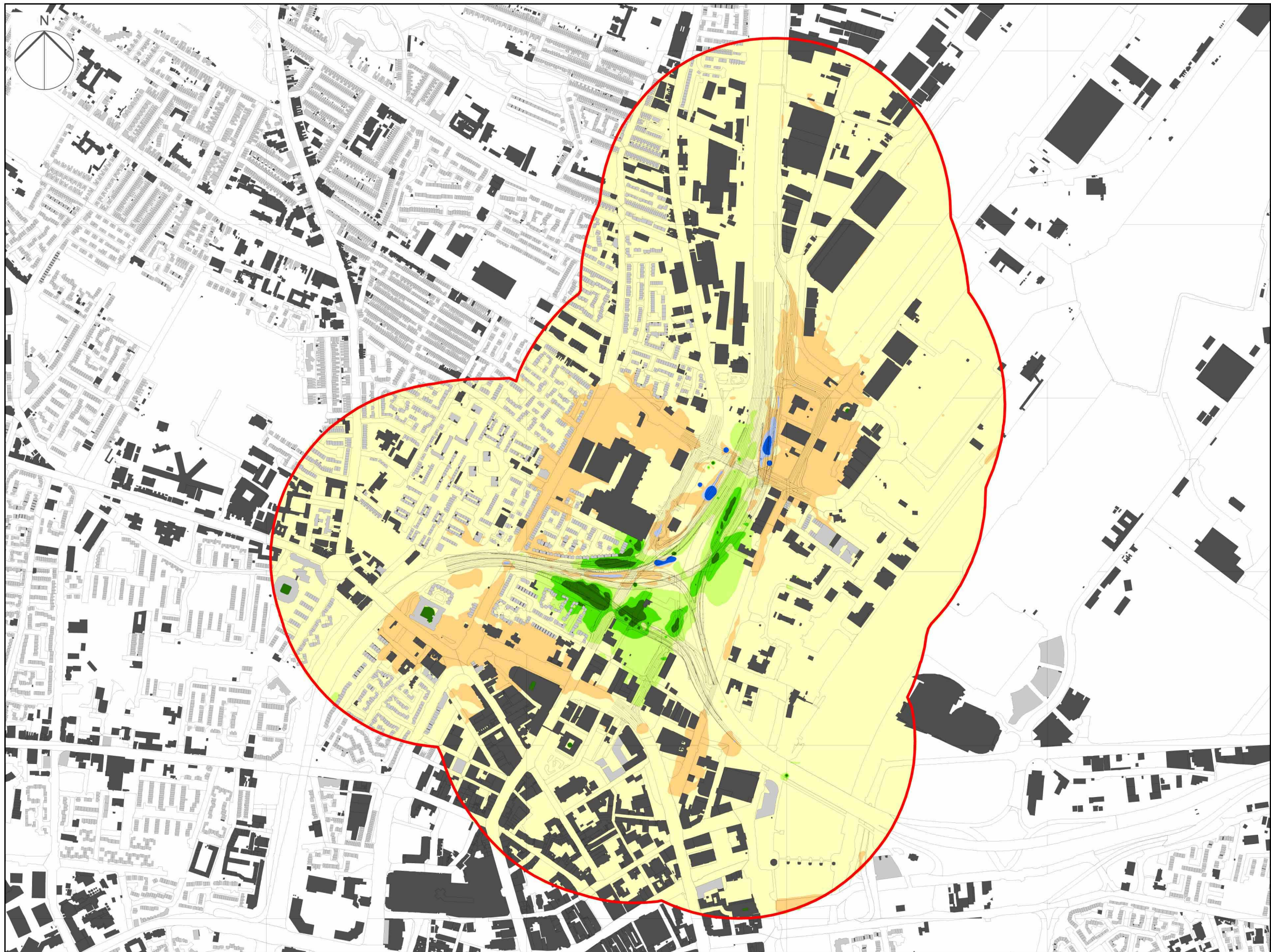
Buffer – 400 metres

Residential Buildings

Non Residential Buildings

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	Client				
	YORK STREET INTERCHANGE	Noise & Vibration Calculated Noise Level Difference Contours (Option A: 2034 Do Something minus 2020 Do Minimum)	Scale @ A3 NOT TO SCALE	Figure Number Figure 6.7.7	

Plot Date: 03/05/2012
File Name: I:\5004 - Information Systems\47037827_York_Street_Interchange\ArcGIS\MXDs\Figure 6.7.8.mxd



KEY

Noise Difference Contours

> -5 dB decrease

-5 to -3 dB decrease

-3 to -1 dB decrease

-1 to 1 dB (negligible change)

1 to 3 dB increase

3 to 5 dB increase

> 5 dB increase

Option B Design Layout

Buffer – 400 metres

Residential Buildings

Non Residential Buildings

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	Client				

YORK STREET INTERCHANGE

ROADS Service

Noise & Vibration

Calculated Noise Level Difference

Contours (Option B: 2034 Do

Something minus 2020 Do Minimum)

Scale @ A3

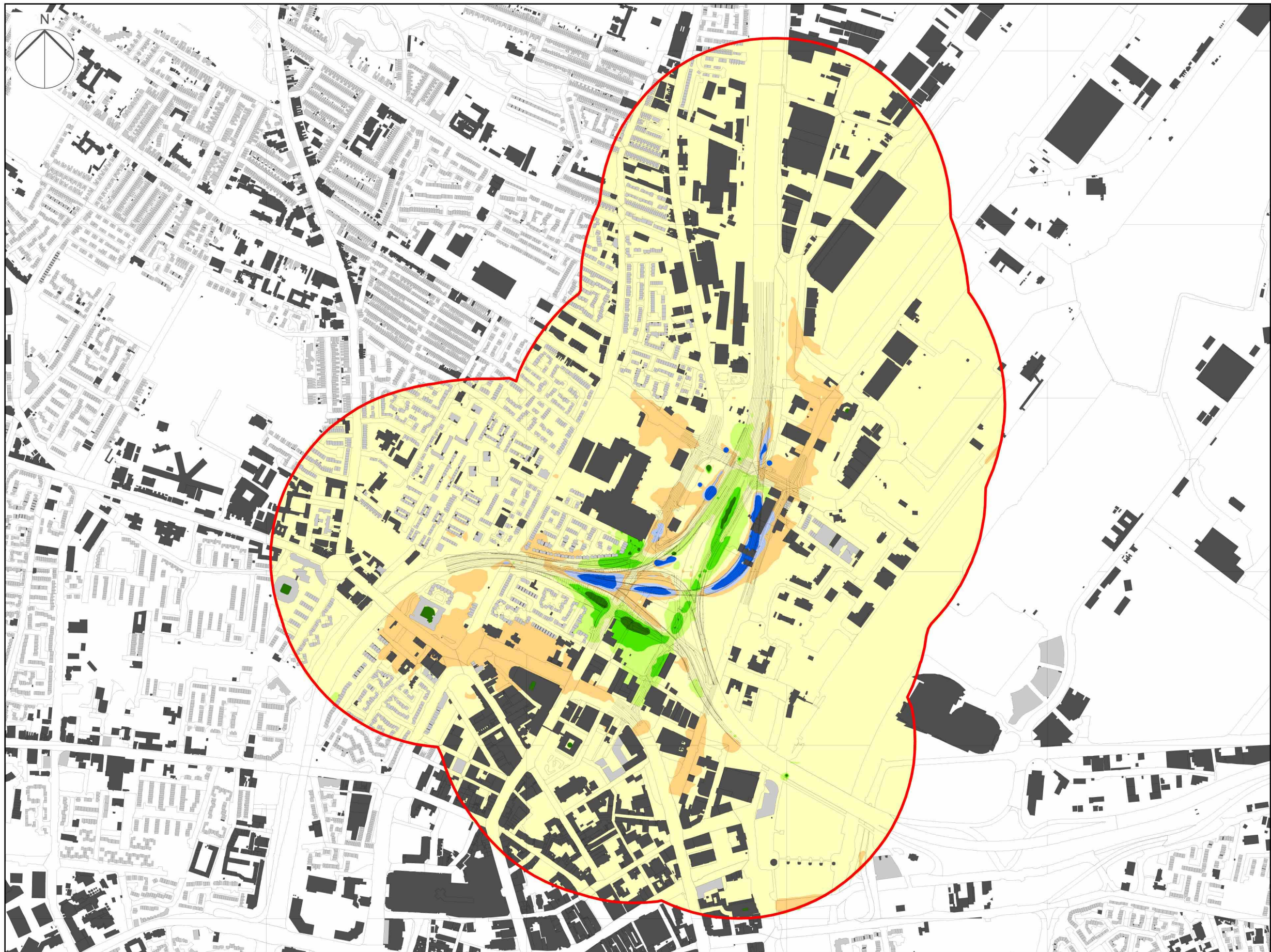
NOT TO SCALE

Figure Number

Figure 6.7.8

URS

Plot Date: 03/05/2012
File Name: I:\5004 - Information Systems\47037827_York_Street_Interchange\ArcGIS\MXDs\Figure 6.7.9.mxd



KEY

Noise Difference Contours

- > -5 dB decrease
- 5 to -3 dB decrease
- 3 to -1 dB decrease
- 1 to 1 dB (negligible change)
- 1 to 3 dB increase
- 3 to 5 dB increase
- > 5 dB increase

Option C Design Layout

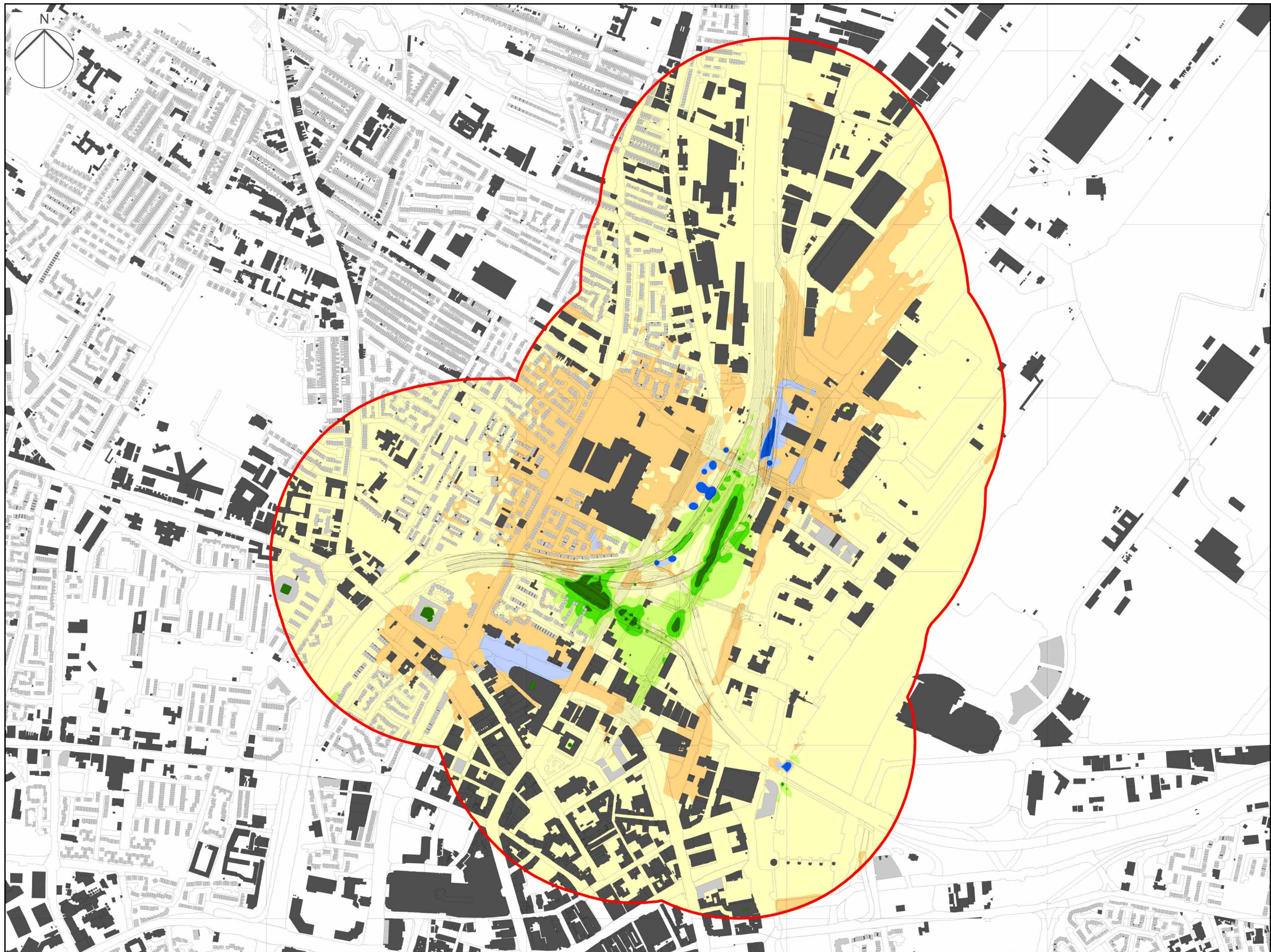
Buffer – 400 metres

Residential Buildings

Non Residential Buildings

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	Client				
	YORK STREET INTERCHANGE	Noise & Vibration Calculated Noise Level Difference Contours (Option C: 2034 Do Something minus 2020 Do Minimum)	Scale @ A3 NOT TO SCALE	Figure Number Figure 6.7.9	
	ROADS Service				

Plot Date: 03/05/2012
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KEY

Noise Difference Contours

- > -5 dB decrease
- 5 to -3 dB decrease
- 3 to -1 dB decrease
- 1 to 1 dB (negligible change)
- 1 to 3 dB increase
- 3 to 5 dB increase
- > 5 dB increase

Option D Design Layout

Buffer – 400 metres

Residential Buildings

Non Residential Buildings

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	YORK STREET INTERCHANGE	Noise & Vibration Calculated Noise Level Difference Contours (Option D: 2034 Do Something minus 2020 Do Minimum)	Scale @ A3 NOT TO SCALE	Figure Number Figure 6.7.10	