

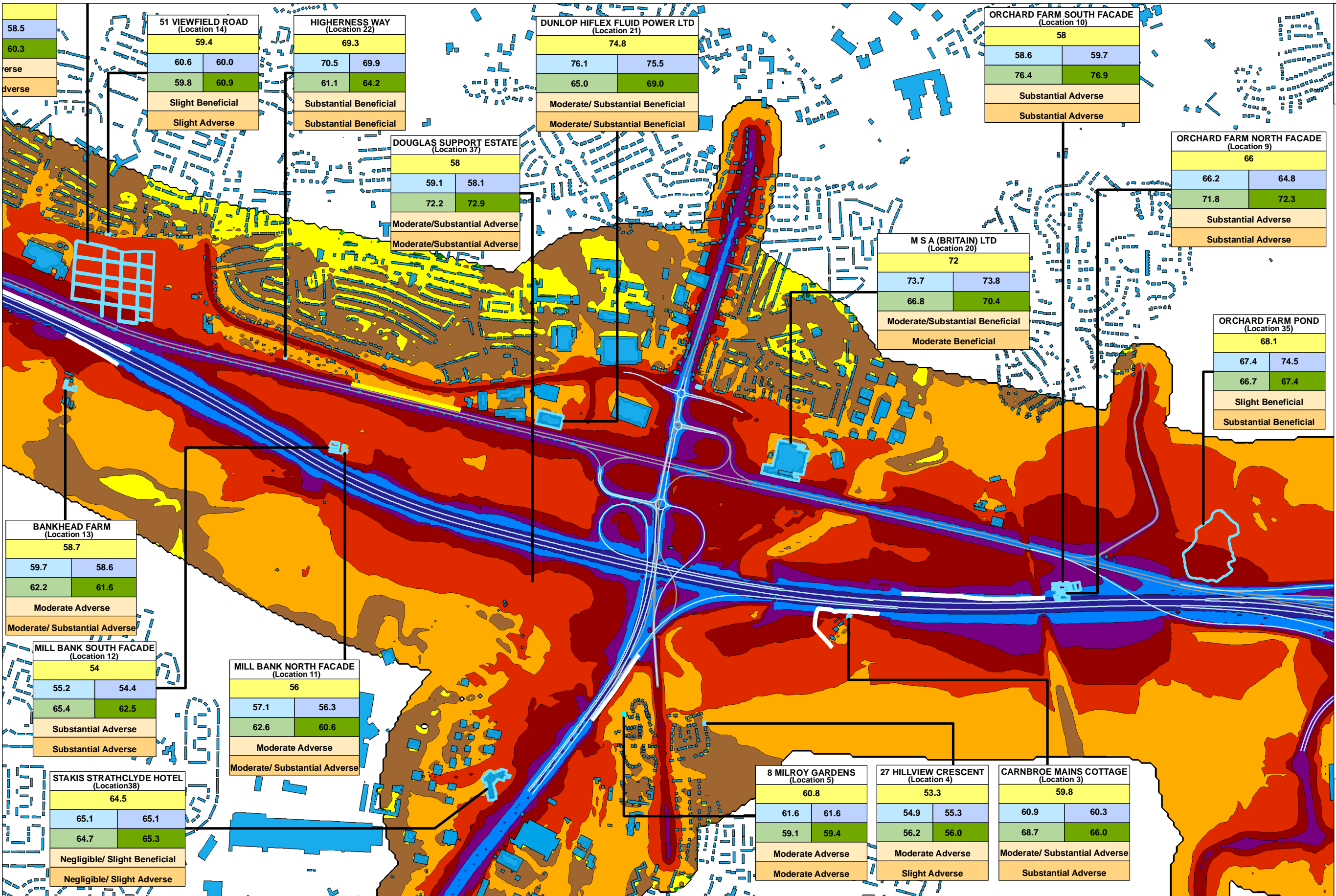
Existing Acoustic Barrier
New Acoustic Barrier
Optional Noise Barrier

NOISE RECEPTOR	
BASE 2005	
EDM2010 ($L_{A10(18hours)}$)	EDM2020 ($L_{A10(18hours)}$)
DS2010 WITH MIT ($L_{A10(18hours)}$)	DS2020 WITH MIT ($L_{A10(18hours)}$)
SIG OF IMPACT 2010 WITH MITIGATION	
SIG OF IMPACT 2020 WITH MITIGATION	

$X = L_{A10(18hours)}$

- $x < 35$ dB(A)
- $35 \leq x < 40$ dB(A)
- $40 \leq x < 45$ dB(A)
- $45 \leq x < 50$ dB(A)
- $50 \leq x < 55$ dB(A)
- $55 \leq x < 60$ dB(A)
- $60 \leq x < 65$ dB(A)
- $65 \leq x < 70$ dB(A)
- $70 \leq x < 75$ dB(A)
- $75 \leq x < 80$ dB(A)
- $x \geq 80$ dB(A)

Receiver Height = 1.5m



58.5
60.3
erse
dverse

51 VIEWFIELD ROAD (Location 14)	
59.4	
60.6	60.0
59.8	60.9
Slight Beneficial	
Slight Adverse	

HIGHERNESS WAY (Location 22)	
69.3	
70.5	69.9
61.1	64.2
Substantial Beneficial	
Substantial Beneficial	

DUNLOP HIFLEX FLUID POWER LTD (Location 21)	
74.8	
76.1	75.5
65.0	69.0
Moderate/ Substantial Beneficial	
Moderate/ Substantial Beneficial	

ORCHARD FARM SOUTH FACADE (Location 10)	
58	
58.6	59.7
76.4	76.9
Substantial Adverse	
Substantial Adverse	

ORCHARD FARM NORTH FACADE (Location 9)	
66	
66.2	64.8
71.8	72.3
Substantial Adverse	
Substantial Adverse	

DOUGLAS SUPPORT ESTATE (Location 37)	
58	
59.1	58.1
72.2	72.9
Moderate/Substantial Adverse	
Moderate/Substantial Adverse	

M S A (BRITAIN) LTD (Location 20)	
72	
73.7	73.8
66.8	70.4
Moderate/Substantial Beneficial	
Moderate Beneficial	

ORCHARD FARM POND (Location 35)	
68.1	
67.4	74.5
66.7	67.4
Slight Beneficial	
Substantial Beneficial	

BANKHEAD FARM (Location 13)	
58.7	
59.7	58.6
62.2	61.6
Moderate Adverse	
Moderate/ Substantial Adverse	

MILL BANK SOUTH FACADE (Location 12)	
54	
55.2	54.4
65.4	62.5
Substantial Adverse	
Substantial Adverse	

MILL BANK NORTH FACADE (Location 11)	
56	
57.1	56.3
62.6	60.6
Moderate Adverse	
Moderate/ Substantial Adverse	

STAKIS STRATHCLYDE HOTEL (Location 38)	
64.5	
65.1	65.1
64.7	65.3
Negligible/ Slight Beneficial	
Negligible/ Slight Adverse	

8 MILROY GARDENS (Location 5)	
60.8	
61.6	61.6
59.1	59.4
Moderate Adverse	
Moderate Adverse	

27 HILLVIEW CRESCENT (Location 4)	
53.3	
54.9	55.3
56.2	56.0
Moderate Adverse	
Slight Adverse	

CARNBROE MAINS COTTAGE (Location 3)	
59.8	
60.9	60.3
68.7	66.0
Moderate/ Substantial Adverse	
Substantial Adverse	

CLIENT

An agency of SCOTTISH EXECUTIVE

PROJECT TITLE
M8 - Baillieston to Newhouse Updated 2007

A	Updated 2007	MB	DP	BMcK	July 2007
REV	REVISIONS	BY	CHKD	APPD	DATE

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DESIGN BY:	CHECKED BY:	CM
DATE:	DATE:	15th Feb 2006
DRAWN BY:	APPROVED BY:	BMcK
DATE:	DATE:	15th Feb 2006
AMENDMENTS		DRAFT
		<input checked="" type="checkbox"/> FINAL REPORT

ENGINEER
Mouchel FAIRHURST
IN ASSOCIATION WITH

DRAWING TITLE
M8 - Baillieston to Newhouse Predicted $L_{A10(18hours)}$ dB DS 2020 MITIGATED (Receiver Height = 1.5m)

SCALE	DRAWING NUMBER	REV
NTS	Figure: 12.6 (2 of 4)	A