

***Appendix 4.8 –  
Detailed Results of Road Traffic Noise  
Assessment (Unmitigated Scenario)***

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Appendix 4.8 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

NSR ID	Floor	Assessment Level (mPD)	Noise Criteria dB(A)	Predicted Noise Level, dB(A)			Exceedance	Impact Contribution from Project Roads		Predicted Noise Levels from Project Roads [B] dB(A)	Direct Mitigation Measures Required?
				Other Roads [A]	Project Road [B]	Overall Noise Level [C] = [A] + [B]		[C] - [A] dB(A)	≥ 1.0 dB(A)		
CUL1	12/F	59.1	70	80	61	80	Y	0.0	N	N	N
	15/F	62.4	70	80	61	80	Y	0.0	N	N	N
	16/F	65.7	70	80	61	80	Y	0.1	N	N	N
	17/F	69.0	70	80	61	80	Y	0.1	N	N	N
	18/F	72.3	70	80	61	80	Y	0.1	N	N	N
	19/F	75.6	70	80	61	80	Y	0.1	N	N	N
	20/F	78.9	70	79	60	80	Y	0.1	N	N	N
	21/F	82.2	70	79	60	79	Y	0.1	N	N	N
	22/F	85.5	70	79	60	79	Y	0.1	N	N	N
	23/F	88.8	70	79	60	79	Y	0.1	N	N	N
	25/F	92.1	70	79	60	79	Y	0.1	N	N	N
	26/F	95.4	70	79	60	79	Y	0.1	N	N	N
	27/F	98.7	70	79	60	79	Y	0.1	N	N	N
	28/F	102.0	70	79	60	79	Y	0.1	N	N	N
	29/F	105.3	70	79	60	79	Y	0.1	N	N	N
	30/F	108.6	70	78	60	79	Y	0.1	N	N	N
	31/F	111.9	70	78	60	78	Y	0.1	N	N	N
	32/F	115.2	70	78	60	78	Y	0.1	N	N	N
	33/F	118.5	70	78	60	78	Y	0.1	N	N	N
	35/F	121.8	70	78	60	78	Y	0.1	N	N	N
	36/F	125.1	70	78	60	78	Y	0.1	N	N	N
	37/F	128.4	70	78	60	78	Y	0.1	N	N	N
	38/F	131.7	70	78	60	78	Y	0.1	N	N	N
	50/F	141.6	70	77	59	78	Y	0.1	N	N	N
	51/F	144.9	70	77	59	77	Y	0.1	N	N	N
	52/F	148.2	70	77	59	77	Y	0.1	N	N	N
	55/F	151.5	70	77	59	77	Y	0.1	N	N	N
	56/F	154.8	70	77	59	77	Y	0.1	N	N	N
	57/F	158.1	70	77	59	77	Y	0.1	N	N	N
	59/F	161.4	70	77	59	77	Y	0.1	N	N	N
	60/F	164.7	70	77	59	77	Y	0.1	N	N	N
	61/F	168.0	70	77	59	77	Y	0.1	N	N	N
	62/F	171.3	70	77	59	77	Y	0.1	N	N	N
	63/F	174.6	70	77	59	77	Y	0.1	N	N	N
	67/F	184.5	70	76	59	76	Y	0.1	N	N	N
	68/F	187.8	70	76	59	76	Y	0.1	N	N	N
	69/F	191.1	70	76	59	76	Y	0.1	N	N	N
	70/F	194.4	70	76	58	76	Y	0.1	N	N	N
	71/F	197.7	70	76	58	76	Y	0.1	N	N	N
	72/F	201.0	70	76	58	76	Y	0.1	N	N	N
	73/F	204.3	70	76	58	76	Y	0.1	N	N	N
	75/F	207.6	70	76	58	76	Y	0.1	N	N	N
76/F	210.9	70	76	58	76	Y	0.1	N	N	N	
77/F	214.2	70	76	58	76	Y	0.1	N	N	N	
78/F	217.5	70	76	58	76	Y	0.1	N	N	N	
79/F	220.8	70	76	58	76	Y	0.1	N	N	N	
80/F	224.1	70	76	58	76	Y	0.1	N	N	N	
81/F	227.4	70	75	58	76	Y	0.1	N	N	N	
82/F	230.7	70	75	58	76	Y	0.1	N	N	N	
83/F	234.0	70	75	58	75	Y	0.1	N	N	N	
85/F	237.3	70	75	58	75	Y	0.1	N	N	N	
86/F	240.6	70	75	58	75	Y	0.1	N	N	N	
87/F	243.9	70	75	58	75	Y	0.1	N	N	N	
88/F	247.2	70	75	58	75	Y	0.1	N	N	N	
89/F	250.5	70	75	58	75	Y	0.1	N	N	N	
90/F	253.8	70	75	58	75	Y	0.1	N	N	N	
91/F	257.1	70	75	58	75	Y	0.1	N	N	N	
92/F	260.4	70	75	58	75	Y	0.1	N	N	N	
CUL2	67/F	184.7	70	77	58	77	Y	0.1	N	N	N
	68/F	188.0	70	77	58	77	Y	0.1	N	N	N
	69/F	191.3	70	77	58	77	Y	0.1	N	N	N
	70/F	194.6	70	77	58	77	Y	0.1	N	N	N
	71/F	197.9	70	76	58	77	Y	0.1	N	N	N
	72/F	201.2	70	76	58	76	Y	0.1	N	N	N
	73/F	204.5	70	76	58	76	Y	0.1	N	N	N
	75/F	207.8	70	76	58	76	Y	0.1	N	N	N
	76/F	211.1	70	76	58	76	Y	0.1	N	N	N
	77/F	214.4	70	76	58	76	Y	0.1	N	N	N
	78/F	217.7	70	76	58	76	Y	0.1	N	N	N
	79/F	221.0	70	76	58	76	Y	0.1	N	N	N
	80/F	224.3	70	76	57	76	Y	0.1	N	N	N
	81/F	227.6	70	76	57	76	Y	0.1	N	N	N
	82/F	230.9	70	76	57	76	Y	0.1	N	N	N
	83/F	234.2	70	76	57	76	Y	0.1	N	N	N
	85/F	237.5	70	76	57	76	Y	0.1	N	N	N
	86/F	240.8	70	76	57	76	Y	0.1	N	N	N
	87/F	244.1	70	76	57	76	Y	0.1	N	N	N
	88/F	247.4	70	76	57	76	Y	0.1	N	N	N
89/F	250.7	70	75	57	76	Y	0.1	N	N	N	
90/F	254.0	70	75	57	75	Y	0.1	N	N	N	
91/F	257.3	70	75	57	75	Y	0.1	N	N	N	
92/F	260.6	70	75	57	75	Y	0.1	N	N	N	

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NSR ID	Floor	Assessment Level (mPD)	Noise Criteria dB(A)	Predicted Noise Level, dB(A)			Exceedance	Impact Contribution from Project Roads		Predicted Noise Levels from Project Roads [B] dB(A)	Direct Mitigation Measures Required?
				Other Roads [A]	Project Road [B]	Overall Noise Level [C] = [A] + [B]		Overall > Criteria	[C] - [A] dB(A)		
HT	7/F	41.2	70	72	33	72	Y	0.0	N	N	N
	8/F	44.2	70	72	35	72	Y	0.0	N	N	N
	9/F	47.2	70	73	37	73	Y	0.0	N	N	N
	10/F	50.2	70	72	37	72	Y	0.0	N	N	N
	11/F	53.2	70	72	38	72	Y	0.0	N	N	N
	12/F	56.2	70	72	38	72	Y	0.0	N	N	N
	13/F	59.2	70	72	38	72	Y	0.0	N	N	N
	15/F	62.2	70	72	38	72	Y	0.0	N	N	N
	16/F	65.2	70	72	38	72	Y	0.0	N	N	N
	17/F	68.2	70	72	38	72	Y	0.0	N	N	N
	18/F	71.2	70	72	39	72	Y	0.0	N	N	N
	19/F	74.2	70	72	39	72	Y	0.0	N	N	N
	20/F	77.2	70	72	40	72	Y	0.0	N	N	N
	21/F	80.2	70	72	40	72	Y	0.0	N	N	N
	22/F	83.2	70	72	40	72	Y	0.0	N	N	N
	23/F	86.2	70	71	40	71	Y	0.0	N	N	N
	25/F	89.2	70	71	40	71	Y	0.0	N	N	N
	27/F	95.2	70	71	40	71	Y	0.0	N	N	N
	28/F	98.2	70	71	40	71	Y	0.0	N	N	N
	29/F	101.2	70	71	40	71	Y	0.0	N	N	N
	30/F	104.2	70	71	40	71	Y	0.0	N	N	N
	31/F	107.2	70	71	40	71	Y	0.0	N	N	N
	32/F	110.2	70	71	40	71	Y	0.0	N	N	N
	33/F	113.2	70	71	40	71	Y	0.0	N	N	N
	35/F	116.2	70	71	40	71	Y	0.0	N	N	N
	36/F	119.2	70	71	40	71	Y	0.0	N	N	N
	37/F	122.2	70	71	40	71	Y	0.0	N	N	N
	38/F	125.2	70	70	40	70	N	0.0	N	N	N
	39/F	128.2	70	70	40	70	N	0.0	N	N	N
	40/F	131.2	70	70	40	70	N	0.0	N	N	N
	41/F	134.2	70	70	40	70	N	0.0	N	N	N
	42/F	137.2	70	70	40	70	N	0.0	N	N	N
	43/F	140.2	70	70	40	70	N	0.0	N	N	N
	45/F	143.2	70	70	40	70	N	0.0	N	N	N
	46/F	146.2	70	70	40	70	N	0.0	N	N	N
	47/F	149.2	70	70	40	70	N	0.0	N	N	N
	48/F	152.2	70	70	40	70	N	0.0	N	N	N
	49/F	155.2	70	70	40	70	N	0.0	N	N	N
	50/F	158.2	70	70	40	70	N	0.0	N	N	N
	51/F	161.2	70	70	40	70	N	0.0	N	N	N
	52/F	164.2	70	70	40	70	N	0.0	N	N	N
	55/F	170.2	70	69	40	69	N	0.0	N	N	N
	56/F	173.2	70	69	40	69	N	0.0	N	N	N
	57/F	176.2	70	69	40	69	N	0.0	N	N	N
	58/F	179.2	70	69	40	69	N	0.0	N	N	N
	59/F	182.2	70	69	40	69	N	0.0	N	N	N
	60/F	185.2	70	69	40	69	N	0.0	N	N	N
	61/F	188.2	70	69	40	69	N	0.0	N	N	N
	62/F	191.2	70	69	40	69	N	0.0	N	N	N
	63/F	194.2	70	69	40	69	N	0.0	N	N	N
	65/F	197.2	70	69	40	69	N	0.0	N	N	N
	66/F	200.2	70	69	40	69	N	0.0	N	N	N
	67/F	203.2	70	69	40	69	N	0.0	N	N	N
	68/F	206.2	70	69	40	69	N	0.0	N	N	N
	69/F	209.2	70	69	40	69	N	0.0	N	N	N
	70/F	212.2	70	69	39	69	N	0.0	N	N	N
	71/F	215.2	70	69	39	69	N	0.0	N	N	N
	72/F	218.2	70	69	39	69	N	0.0	N	N	N
	73/F	221.2	70	69	39	69	N	0.0	N	N	N
	75/F	224.2	70	68	39	68	N	0.0	N	N	N
	76/F	227.2	70	68	39	68	N	0.0	N	N	N
	77/F	230.2	70	68	39	68	N	0.0	N	N	N
	78/F	233.2	70	68	39	68	N	0.0	N	N	N
	79/F	236.2	70	68	39	68	N	0.0	N	N	N
	80/F	239.2	70	68	39	68	N	0.0	N	N	N

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NSR ID	Floor	Assessment Level (mPD)	Noise Criteria dB(A)	Predicted Noise Level, dB(A)			Exceedance	Impact Contribution from Project Roads		Predicted Noise Levels from Project Roads [B] dB(A)	Direct Mitigation Measures Required?
				Other Roads [A]	Project Road [B]	Overall Noise Level [C] = [A] + [B]		Overall > Criteria	[C] - [A] dB(A)		
SRT	1/F	44.9	70	<b>81</b>	58	<b>81</b>	Y	0.0	N	N	N
	2/F	47.9	70	<b>80</b>	58	<b>80</b>	Y	0.0	N	N	N
	3/F	50.9	70	<b>80</b>	58	<b>80</b>	Y	0.0	N	N	N
	4/F	53.9	70	<b>80</b>	58	<b>80</b>	Y	0.0	N	N	N
	5/F	56.9	70	<b>80</b>	58	<b>80</b>	Y	0.0	N	N	N
	6/F	59.9	70	<b>80</b>	58	<b>80</b>	Y	0.0	N	N	N
	7/F	62.9	70	<b>80</b>	57	<b>80</b>	Y	0.0	N	N	N
	8/F	65.9	70	<b>80</b>	57	<b>80</b>	Y	0.0	N	N	N
	9/F	68.9	70	<b>80</b>	57	<b>80</b>	Y	0.0	N	N	N
	10/F	71.9	70	<b>80</b>	57	<b>80</b>	Y	0.0	N	N	N
	11/F	74.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	12/F	77.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	13/F	80.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	14/F	83.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	15/F	86.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	16/F	89.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	17/F	92.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	18/F	95.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	19/F	98.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	20/F	101.9	70	<b>79</b>	57	<b>79</b>	Y	0.0	N	N	N
	21/F	104.9	70	<b>78</b>	57	<b>78</b>	Y	0.0	N	N	N
	22/F	107.9	70	<b>78</b>	57	<b>78</b>	Y	0.0	N	N	N
	23/F	110.9	70	<b>78</b>	57	<b>78</b>	Y	0.0	N	N	N
	24/F	113.9	70	<b>78</b>	56	<b>78</b>	Y	0.0	N	N	N
	25/F	116.9	70	<b>78</b>	56	<b>78</b>	Y	0.0	N	N	N
	26/F	119.9	70	<b>78</b>	56	<b>78</b>	Y	0.0	N	N	N
	27/F	122.9	70	<b>78</b>	56	<b>78</b>	Y	0.0	N	N	N
	28/F	125.9	70	<b>78</b>	56	<b>78</b>	Y	0.0	N	N	N
	29/F	128.9	70	<b>78</b>	56	<b>78</b>	Y	0.0	N	N	N
	30/F	131.9	70	<b>78</b>	56	<b>78</b>	Y	0.0	N	N	N
	31/F	134.9	70	<b>78</b>	56	<b>78</b>	Y	0.0	N	N	N
	32/F	137.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N
	33/F	140.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N
	34/F	143.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N
	35/F	146.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N
36/F	149.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N	
37/F	152.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N	
38/F	155.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N	
39/F	158.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N	
40/F	161.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N	
41/F	164.9	70	<b>77</b>	56	<b>77</b>	Y	0.0	N	N	N	
42/F	170.9	70	<b>77</b>	55	<b>77</b>	Y	0.0	N	N	N	
43/F	173.9	70	<b>77</b>	55	<b>77</b>	Y	0.0	N	N	N	
44/F	176.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
45/F	179.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
46/F	182.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
47/F	185.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
48/F	188.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
49/F	191.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
50/F	194.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
51/F	197.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
52/F	200.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
53/F	203.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
54/F	206.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
55/F	209.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
56/F	212.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
57/F	215.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
58/F	218.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
59/F	221.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
60/F	224.9	70	<b>76</b>	55	<b>76</b>	Y	0.0	N	N	N	
61/F	227.9	70	<b>75</b>	55	<b>75</b>	Y	0.0	N	N	N	
62/F	230.9	70	<b>75</b>	54	<b>75</b>	Y	0.0	N	N	N	
63/F	233.9	70	<b>75</b>	54	<b>75</b>	Y	0.0	N	N	N	
64/F	236.9	70	<b>75</b>	54	<b>75</b>	Y	0.0	N	N	N	
65/F	239.9	70	<b>75</b>	54	<b>75</b>	Y	0.0	N	N	N	
66/F	242.9	70	<b>75</b>	54	<b>75</b>	Y	0.0	N	N	N	
P27	3/F	24.9	70	<b>74</b>	50	<b>74</b>	Y	0.0	N	N	N
	4/F	27.8	70	<b>74</b>	50	<b>74</b>	Y	0.0	N	N	N
	5/F	30.7	70	<b>74</b>	50	<b>74</b>	Y	0.0	N	N	N
	6/F	33.6	70	<b>73</b>	50	<b>73</b>	Y	0.0	N	N	N
	7/F	36.5	70	<b>73</b>	50	<b>73</b>	Y	0.0	N	N	N
	8/F	39.4	70	<b>73</b>	50	<b>73</b>	Y	0.0	N	N	N
	9/F	42.3	70	<b>73</b>	50	<b>73</b>	Y	0.0	N	N	N
	10/F	45.2	70	<b>73</b>	50	<b>73</b>	Y	0.0	N	N	N
	11/F	48.1	70	<b>72</b>	50	<b>72</b>	Y	0.0	N	N	N
	12/F	51.0	70	<b>72</b>	50	<b>72</b>	Y	0.0	N	N	N
	13/F	53.9	70	<b>72</b>	50	<b>72</b>	Y	0.0	N	N	N
	14/F	56.8	70	<b>72</b>	51	<b>72</b>	Y	0.0	N	N	N
	15/F	59.7	70	<b>72</b>	51	<b>72</b>	Y	0.0	N	N	N
16/F	62.6	70	<b>72</b>	51	<b>72</b>	Y	0.0	N	N	N	
17/F	65.5	70	<b>71</b>	51	<b>71</b>	Y	0.0	N	N	N	
18/F	68.4	70	<b>71</b>	51	<b>71</b>	Y	0.0	N	N	N	
19/F	71.3	70	<b>71</b>	51	<b>71</b>	Y	0.0	N	N	N	
20/F	74.2	70	<b>71</b>	51	<b>71</b>	Y	0.0	N	N	N	
21/F	77.1	70	<b>71</b>	51	<b>71</b>	Y	0.0	N	N	N	
22/F	80.0	70	<b>71</b>	51	<b>71</b>	Y	0.0	N	N	N	
23/F	82.9	70	<b>71</b>	51	<b>71</b>	Y	0.0	N	N	N	

Note: Bold figures with shaded boxes denote exceedance of relevant noise criteria.