

Predicted Road Traffic Noise (L10, dB(A)) at Representative Noise Assessment Points (NAPs) (AM Peak)  
Base Case

Floor	mPD	N1-01	N1-02	N1-03	N1-04	N1-05	N1-06	N1-07	N1-08	N1-09	N1-10	N1-11
2	20.5	66	65	65	71	72	74	74	75	72	71	71
3	24	66	64	65	71	72	74	74	74	72	71	71
4	27.5	66	64	65	71	72	74	74	74	72	71	70
5	31	66	64	65	70	71	73	73	74	72	71	70
6	34.5	66	64	64	70	71	73	73	73	71	71	70
7	38	66	64	64	70	71	73	73	73	71	71	70
8	41.5	66	64	64	70	71	72	72	73	71	71	70
9	45	66	64	64	70	71	72	72	73	71	70	70
10	48.5	66	64	65	70	71	72	72	72	71	70	70
11	52	66	65	65	70	71	72	72	72	71	70	70
12	55.5	67	65	66	70	71	72	72	72	70	70	70
13	59	67	66	66	71	71	72	71	72	70	70	70
14	62.5	68	66	66	71	72	72	71	72	70	70	70
15	66	68	66	66	71	72	72	71	72	70	70	69
16	69.5	68	66	67	72	72	72	71	71	70	70	69
17	73	68	66	67	72	72	72	71	71	70	69	69
18	76.5	68	67	67	72	72	72	71	71	70	69	69
19	80	68	67	67	72	72	72	71	71	70	69	69
20	83.5	68	67	67	72	72	72	71	71	69	69	69
21	87	68	67	67	72	72	72	71	71	69	69	69
22	90.5	68	67	67	72	72	72	71	71	69	69	69
23	94	69	67	67	72	73	72	71	71	69	69	69
24	97.5	69	67	67	72	73	72	71	71	69	69	69
Max		0	0	0	15	23	23	23	23	10	7	2
Exceedance		0	0	0	15	23	23	23	23	10	7	2

No. of Flats:	253
No. of Units with Exceedance:	126
Compliance Level:	50%
Max. Noise Level:	75

Noted: [Redacted] Noise level exceed standard of 70 dB(A)

Predicted Road Traffic Noise (L10, dB(A)) at Representative Noise Assessment Points (NAPs) (PM Peak)  
 Base Case

Floor	mPD	N1-01	N1-02	N1-03	N1-04	N1-05	N1-06	N1-07	N1-08	N1-09	N1-10	N1-11
2	20.5	66	64	65	71	72	74	74	74	72	71	70
3	24	66	64	64	70	72	74	74	74	72	71	70
4	27.5	66	64	64	70	71	73	73	74	72	71	70
5	31	66	64	64	70	71	73	73	73	71	71	70
6	34.5	66	64	64	70	71	73	73	73	71	71	70
7	38	66	64	64	70	71	72	72	73	71	71	70
8	41.5	65	64	64	70	70	72	72	73	71	70	70
9	45	65	64	64	69	70	72	72	72	71	70	70
10	48.5	65	64	64	69	70	72	72	72	71	70	70
11	52	65	64	64	69	70	72	72	72	70	70	70
12	55.5	66	64	65	70	70	71	71	72	70	70	70
13	59	66	65	65	70	70	71	71	72	70	70	70
14	62.5	67	65	65	70	71	71	71	72	70	70	69
15	66	67	65	66	70	71	71	71	71	70	70	69
16	69.5	67	65	66	71	71	71	71	71	70	69	69
17	73	67	66	66	71	71	71	71	71	70	69	69
18	76.5	67	66	66	71	71	71	71	71	69	69	69
19	80	67	66	66	71	71	71	71	71	69	69	69
20	83.5	67	66	66	71	71	71	70	71	69	69	69
21	87	67	66	66	71	71	71	70	71	69	69	69
22	90.5	68	66	66	71	72	71	70	71	69	69	69
23	94	68	66	66	71	72	71	70	70	69	69	69
24	97.5	68	66	66	71	72	71	70	70	69	69	68
Max		0	0	0	10	17	23	18	21	9	6	0
Exceedance		0	0	0	10	17	23	18	21	9	6	0

No. of Flats:	253
No. of Units with Exceedance:	104
Compliance Level:	59%
Max. Noise Level:	74

Noted: [Redacted] Noise level exceed standard of 70 dB(A)

			ID	Room (BR1, BR2, MBR, LIV/DIN)	Room area
N1	-	01	N1-02	MRB	6.67
N2	-	03	N1-04	LIV/DIN	15
N3	-	04	N1-05	LIV/DIN	11.21
N4	-	05			
N5	-	27			

Adjustment of Sound Attenuation for Traffic Noise Impact Assessment

Reference Case

Case ID	Acoustic Window/ Door System Acoustic Balcony (Baffle Type)	Balcony Door Opening Area, m <sup>2</sup>	MPA	Air Gap, mm	length (Million Included), mm	Room area (R:Are)(), m <sup>2</sup>	Ref. sound attenuation, dB(A)
BAL		3.2	No	100	375	383	8.8

  

Case ID	Acoustic Window/ Door System Acoustic Window (Baffle Type)	Outer Opening Area, m <sup>2</sup>	MPA	Air Gap, mm	length (Million Included), mm	Room area (R:Are)(), m <sup>2</sup>	Ref. sound attenuation, dB(A)
W		0.5	No	100	100	8	6.0

	Proposed Development				Reference Case				Proposed Development				
	Room	Referred Case ID	Outer Opening Area, m <sup>2</sup>	Air Gap, mm	Overlapping length (Million Included), mm	Room area (RA), m <sup>2</sup>	Outer Opening Area, m <sup>2</sup>	Air Gap, mm	Overlapping length (Million Included), mm	Room area (R:Are)(), m <sup>2</sup>	Ref. sound attenuation, dB(A)	Adjustment: 10xlog(RA/R:Are)()	Adjusted sound attenuation, dB(A)
NSRs with Acoustic Window / Balcony (Baffle Type)	Tower												
N1-02	MRB	W	0.5	100	100	6.7	0.5	100	100	8	6.0	-0.8	5.2
N1-04	LIV/DIN	BAL	3.2	100	375	150	3.2	100	375	383	8.8	-4.1	4.7
N1-05	LIV/DIN	BAL	3.2	100	375	11.2	3.2	100	375	383	8.8	-5.3	3.5



Predicted Road Traffic Noise (L10, dB(A)) at Representative Noise Assessment Points (NAPs)  
Mitigated Case

Floor	mPD	N1-01	N1-02	N1-03	N1-04	N1-05	N1-06	N1-07	N1-08	N1-09	N1-10	N1-11
2	20.5	66	64	65	70	70	70	70	70	70	70	70
3	24	66	64	64	70	70	70	70	70	70	70	70
4	27.5	66	64	64	70	70	70	70	70	70	70	70
5	31	66	64	64	70	70	70	70	70	70	70	70
6	34.5	66	64	64	70	70	70	70	70	70	70	70
7	38	66	64	64	70	70	70	70	70	70	70	70
8	41.5	65	64	64	70	70	70	70	70	70	70	70
9	45	65	64	64	70	70	70	70	70	70	70	70
10	48.5	65	64	64	70	70	70	70	70	70	70	70
11	52	65	64	64	70	70	70	70	70	70	70	70
12	55.5	66	64	65	70	70	70	70	70	70	70	70
13	59	66	65	65	70	70	70	70	70	70	70	70
14	62.5	67	65	65	70	70	70	70	70	70	70	69
15	66	67	65	66	70	70	70	70	70	70	70	69
16	69.5	67	65	66	70	70	70	70	70	70	69	69
17	73	67	66	66	70	70	70	70	70	70	69	69
18	76.5	67	66	66	70	70	70	70	70	69	69	69
19	80	67	66	66	70	70	70	70	70	69	69	69
20	83.5	67	66	66	70	70	70	70	70	69	69	69
21	87	67	66	66	70	70	70	70	70	69	69	69
22	90.5	68	66	66	70	70	70	70	70	69	69	69
23	94	68	66	66	70	70	70	70	70	69	69	69
24	97.5	68	66	66	70	70	70	70	70	69	69	68
Max		68	66	66	70	70	70	70	70	70	70	70
Exceedance		0	0	0	0	0	0	0	0	0	0	0

No. of Flats:	253
No. of Units with Exceedance:	0
Compliance Level:	100%
Max. Noise Level:	70

Noted:  Noise level exceed standard of 70 dB(A)  
 Acoustic Windows (Baffle Type)/ Enhance Acoustic Balcony (Baffle Type)

Schedule of Noise Mitigation Measures

NSR	Room	Floor	Noise Mitigation Measures
N1-02	MBR	3/F - 8/F	AW (BT)
N1-03	MBR	2/F - 20/F	FG with MW
N1-04	LIV/DIN	3/F - 15/F	AB (BT)
N1-05	LIV/DIN	3/F - 9/F	AB (BT)
N1-06	MBR	3/F - 18/F	FG with MW

COL	1	ALL	RECEIVE	ID	COL	1	ALL	RECEIVE	ID	COL	1	ALL	RECEIVE	ID	COL	1	ALL	RECEIVE	ID	
			661	N1-01-TY			591	N1-01-TY					581	N1-01-TY				658	N1-01-TY	
			661	N1-01-TY			597	N1-01-TY					587	N1-01-TY				658	N1-01-TY	
			661	N1-01-TY			603	N1-01-TY					594	N1-01-TY				657	N1-01-TY	
			660	N1-01-TY			611	N1-01-TY					601	N1-01-TY				656	N1-01-TY	
			659	N1-01-TY			619	N1-01-TY					610	N1-01-TY				656.0001	N1-01-TY	
			658	N1-01-TY			629	N1-01-TY					619	N1-01-TY				655.0011	N1-01-TY	
			657	N1-01-TY			635	N1-01-TY					625	N1-01-TY				654.0055	N1-01-TY	
			657	N1-01-TY			645	N1-01-TY					636	N1-01-TY				653.0858	N1-01-TY	
			658	N1-01-TY			653	N1-01-TY					643	N1-01-TY				652.515	N1-01-TY	
			662	N1-01-TY			661	N1-01-TY					651	N1-01-TY				654.0103	N1-01-TY	
			667	N1-01-TY			667	N1-01-TY					658	N1-01-TY				658.6389	N1-01-TY	
			672	N1-01-TY			672	N1-01-TY					662	N1-01-TY				662.2124	N1-01-TY	
			675	N1-01-TY			675	N1-01-TY					666	N1-01-TY				666.0683	N1-01-TY	
			677	N1-01-TY			677	N1-01-TY					668	N1-01-TY				668.0344	N1-01-TY	
			679	N1-01-TY			679	N1-01-TY					670	N1-01-TY				670.0217	N1-01-TY	
			680	N1-01-TY			680	N1-01-TY					671	N1-01-TY				671.0137	N1-01-TY	
			682	N1-01-TY			682	N1-01-TY					672	N1-01-TY				672.0087	N1-01-TY	
			683	N1-01-TY			683	N1-01-TY					673	N1-01-TY				673.0055	N1-01-TY	
			684	N1-01-TY			684	N1-01-TY					674	N1-01-TY				674.0034	N1-01-TY	
			684	N1-01-TY			684	N1-01-TY					674	N1-01-TY				674.0034	N1-01-TY	
			685	N1-01-TY			685	N1-01-TY					675	N1-01-TY				675.0022	N1-01-TY	
			685	N1-01-TY			685	N1-01-TY					676	N1-01-TY				676.0017	N1-01-TY	
			685	N1-01-TY			685	N1-01-TY					676	N1-01-TY				676.0017	N1-01-TY	
			684	N1-02-TY			578	N1-02-TY					569	N1-02-TY				676.0014	N1-02-TY	
			644	N1-02-TY			585	N1-02-TY					575	N1-02-TY				643	N1-02-TY	
			643	N1-02-TY			591	N1-02-TY					582	N1-02-TY				641	N1-02-TY	
			642	N1-02-TY			599	N1-02-TY					589	N1-02-TY				639	N1-02-TY	
			608	N1-02-TY			608	N1-02-TY					599	N1-02-TY				638.0005	N1-02-TY	
			617	N1-02-TY			617	N1-02-TY					608	N1-02-TY				637.0055	N1-02-TY	
			640	N1-02-TY			623	N1-02-TY					613	N1-02-TY				636.0217	N1-02-TY	
			639	N1-02-TY			633	N1-02-TY					623	N1-02-TY				635.2657	N1-02-TY	
			638	N1-02-TY			641	N1-02-TY					632	N1-02-TY				636.7643	N1-02-TY	
			641	N1-02-TY			648	N1-02-TY					639	N1-02-TY				640.1933	N1-02-TY	
			637	N1-02-TY			653	N1-02-TY					644	N1-02-TY				644.332	N1-02-TY	
			636	N1-02-TY			657	N1-02-TY					648	N1-02-TY				648.1077	N1-02-TY	
			635	N1-02-TY			660	N1-02-TY					650	N1-02-TY				650.0543	N1-02-TY	
			634	N1-02-TY			662	N1-02-TY					653	N1-02-TY				653.0273	N1-02-TY	
			634	N1-02-TY			663	N1-02-TY					654	N1-02-TY				654.0173	N1-02-TY	
			633	N1-02-TY			664	N1-02-TY					655	N1-02-TY				655.0109	N1-02-TY	
			632	N1-02-TY			665	N1-02-TY					656	N1-02-TY				656.0087	N1-02-TY	
			632	N1-02-TY			666	N1-02-TY					657	N1-02-TY				657.0055	N1-02-TY	
			631	N1-02-TY			667	N1-02-TY					657	N1-02-TY				657.0043	N1-02-TY	
			631	N1-02-TY			667	N1-02-TY					658	N1-02-TY				658.0034	N1-02-TY	
			630	N1-02-TY			668	N1-02-TY					659	N1-02-TY				659.0022	N1-02-TY	
			630	N1-02-TY			669	N1-02-TY					660	N1-02-TY				660.0017	N1-02-TY	
			630	N1-02-TY			670	N1-02-TY					661	N1-02-TY				661.0014	N1-02-TY	
			648	N1-03-TY			581	N1-03-TY					571	N1-03-TY				645	N1-03-TY	
			647	N1-03-TY			587	N1-03-TY					578	N1-03-TY				644	N1-03-TY	



643	NI-03-TY	585	643	NI-03-TY	643	NI-03-TY	585	643	NI-03-TY	585	643	NI-03-TY	585	643
642.0001	NI-03-TY	593	642	NI-03-TY	642	NI-03-TY	593	642	NI-03-TY	593	642	NI-03-TY	593	642.0001
641.0011	NI-03-TY	605	641	NI-03-TY	641	NI-03-TY	605	641	NI-03-TY	605	641	NI-03-TY	605	641.0011
640.0055	NI-03-TY	611	640	NI-03-TY	640	NI-03-TY	611	640	NI-03-TY	611	640	NI-03-TY	611	640.0055
639.0543	NI-03-TY	620	639	NI-03-TY	639	NI-03-TY	620	639	NI-03-TY	620	639	NI-03-TY	620	639.0543
639.515	NI-03-TY	630	639	NI-03-TY	639	NI-03-TY	630	639	NI-03-TY	630	639	NI-03-TY	630	639.515
641.0103	NI-03-TY	638	638	NI-03-TY	638	NI-03-TY	638	638	NI-03-TY	638	638	NI-03-TY	638	641.0103
644.7901	NI-03-TY	644	637	NI-03-TY	637	NI-03-TY	644	637	NI-03-TY	644	637	NI-03-TY	644	644.7901
648.332	NI-03-TY	648	657	NI-03-TY	657	NI-03-TY	648	657	NI-03-TY	648	657	NI-03-TY	648	648.332
652.1077	NI-03-TY	652	636	NI-03-TY	636	NI-03-TY	652	636	NI-03-TY	652	636	NI-03-TY	652	652.1077
654.0683	NI-03-TY	654	663	NI-03-TY	636	NI-03-TY	654	663	NI-03-TY	654	663	NI-03-TY	654	654.0683
655.0452	NI-03-TY	655	664	NI-03-TY	635	NI-03-TY	655	664	NI-03-TY	655	664	NI-03-TY	655	655.0452
657.0273	NI-03-TY	657	666	NI-03-TY	635	NI-03-TY	657	666	NI-03-TY	657	666	NI-03-TY	657	657.0273
658.0173	NI-03-TY	658	667	NI-03-TY	634	NI-03-TY	658	667	NI-03-TY	658	667	NI-03-TY	658	658.0173
659.0137	NI-03-TY	659	668	NI-03-TY	634	NI-03-TY	659	668	NI-03-TY	659	668	NI-03-TY	659	659.0137
659.0109	NI-03-TY	659	668	NI-03-TY	633	NI-03-TY	659	668	NI-03-TY	659	668	NI-03-TY	659	659.0109
660.0087	NI-03-TY	660	669	NI-03-TY	633	NI-03-TY	660	669	NI-03-TY	660	669	NI-03-TY	660	660.0087
660.0087	NI-03-TY	660	670	NI-03-TY	633	NI-03-TY	660	670	NI-03-TY	660	670	NI-03-TY	660	660.0087
661.0055	NI-03-TY	661	670	NI-03-TY	632	NI-03-TY	661	670	NI-03-TY	661	670	NI-03-TY	661	661.0055
662.0043	NI-03-TY	662	672	NI-03-TY	632	NI-03-TY	662	672	NI-03-TY	662	672	NI-03-TY	662	662.0043
664.0027	NI-03-TY	664	673	NI-03-TY	632	NI-03-TY	664	673	NI-03-TY	664	673	NI-03-TY	664	664.0027
705	NI-04-TY	609	708	NI-04-TY	705	NI-04-TY	609	708	NI-04-TY	609	708	NI-04-TY	609	705
704	NI-04-TY	616	707	NI-04-TY	704	NI-04-TY	616	707	NI-04-TY	616	707	NI-04-TY	616	704
702	NI-04-TY	624	705	NI-04-TY	702	NI-04-TY	624	705	NI-04-TY	624	705	NI-04-TY	624	702
700	NI-04-TY	632	707	NI-04-TY	702	NI-04-TY	700	707	NI-04-TY	632	707	NI-04-TY	700	700
698	NI-04-TY	642	703	NI-04-TY	698	NI-04-TY	698	703	NI-04-TY	698	703	NI-04-TY	698	698
697.0001	NI-04-TY	650	702	NI-04-TY	697	NI-04-TY	697	702	NI-04-TY	650	702	NI-04-TY	697	697.0001
695.0017	NI-04-TY	661	700	NI-04-TY	697	NI-04-TY	699	700	NI-04-TY	661	700	NI-04-TY	661	695.0017
694.0173	NI-04-TY	670	699	NI-04-TY	694	NI-04-TY	699	699	NI-04-TY	670	699	NI-04-TY	670	694.0173
692.2124	NI-04-TY	679	697	NI-04-TY	692	NI-04-TY	697	697	NI-04-TY	679	697	NI-04-TY	679	692.2124
692.7643	NI-04-TY	688	700	NI-04-TY	691	NI-04-TY	698	700	NI-04-TY	688	700	NI-04-TY	688	692.7643
696.1933	NI-04-TY	695	704	NI-04-TY	690	NI-04-TY	704	704	NI-04-TY	695	704	NI-04-TY	695	696.1933
699.332	NI-04-TY	699	709	NI-04-TY	688	NI-04-TY	709	709	NI-04-TY	699	709	NI-04-TY	699	699.332
702.1352	NI-04-TY	702	712	NI-04-TY	687	NI-04-TY	712	712	NI-04-TY	702	712	NI-04-TY	702	702.1352
704.0683	NI-04-TY	704	714	NI-04-TY	686	NI-04-TY	714	714	NI-04-TY	704	714	NI-04-TY	704	704.0683
706.0344	NI-04-TY	706	715	NI-04-TY	685	NI-04-TY	715	715	NI-04-TY	706	715	NI-04-TY	706	706.0344
707.0217	NI-04-TY	707	716	NI-04-TY	684	NI-04-TY	716	716	NI-04-TY	707	716	NI-04-TY	707	707.0217
708.0137	NI-04-TY	708	717	NI-04-TY	683	NI-04-TY	717	717	NI-04-TY	708	717	NI-04-TY	708	708.0137
708.0109	NI-04-TY	708	718	NI-04-TY	682	NI-04-TY	718	718	NI-04-TY	708	718	NI-04-TY	708	708.0109
709.0069	NI-04-TY	709	718	NI-04-TY	681	NI-04-TY	718	718	NI-04-TY	709	718	NI-04-TY	709	709.0069
710.0043	NI-04-TY	710	719	NI-04-TY	680	NI-04-TY	719	719	NI-04-TY	710	719	NI-04-TY	710	710.0043
710.0034	NI-04-TY	710	720	NI-04-TY	679	NI-04-TY	720	720	NI-04-TY	710	720	NI-04-TY	710	710.0034
710.0027	NI-04-TY	710	720	NI-04-TY	678	NI-04-TY	720	720	NI-04-TY	710	720	NI-04-TY	710	710.0027
711.0022	NI-04-TY	711	720	NI-04-TY	678	NI-04-TY	720	720	NI-04-TY	711	720	NI-04-TY	711	711.0022
720	NI-05-TY	613	723	NI-05-TY	720	NI-05-TY	613	723	NI-05-TY	613	723	NI-05-TY	613	720
717	NI-05-TY	620	720	NI-05-TY	717	NI-05-TY	620	720	NI-05-TY	620	720	NI-05-TY	620	717
714	NI-05-TY	628	717	NI-05-TY	714	NI-05-TY	628	717	NI-05-TY	628	717	NI-05-TY	628	714
711	NI-05-TY	636	714	NI-05-TY	711	NI-05-TY	636	714	NI-05-TY	711	714	NI-05-TY	711	711
709	NI-05-TY	647	712	NI-05-TY	709	NI-05-TY	647	712	NI-05-TY	709	712	NI-05-TY	709	709
706	NI-05-TY	655	710	NI-05-TY	706	NI-05-TY	655	710	NI-05-TY	706	710	NI-05-TY	706	706
704.0009	NI-05-TY	667	708	NI-05-TY	704	NI-05-TY	667	708	NI-05-TY	704	708	NI-05-TY	704	704.0009
703.0069	NI-05-TY	675	706	NI-05-TY	703	NI-05-TY	675	706	NI-05-TY	703	706	NI-05-TY	703	703.0069





710	NI-07-TY	712	NI-07-TY	707	NI-07-TY	707	NI-07-TY	698	NI-07-TY	707,515
708	NI-07-TY	712	NI-07-TY	709	NI-07-TY	705	NI-07-TY	699	NI-07-TY	705.9732
707	NI-07-TY	712	NI-07-TY	710	NI-07-TY	704	NI-07-TY	700	NI-07-TY	705.4554
706	NI-07-TY	712	NI-07-TY	711	NI-07-TY	703	NI-07-TY	701	NI-07-TY	705.1244
704	NI-07-TY	712	NI-07-TY	711	NI-07-TY	701	NI-07-TY	701	NI-07-TY	704.0103
703	NI-07-TY	713	NI-07-TY	712	NI-07-TY	700	NI-07-TY	702	NI-07-TY	704.1244
702	NI-07-TY	712	NI-07-TY	712	NI-07-TY	699	NI-07-TY	702	NI-07-TY	703.7643
701	NI-07-TY	713	NI-07-TY	713	NI-07-TY	698	NI-07-TY	703	NI-07-TY	704.1933
699	NI-07-TY	713	NI-07-TY	713	NI-07-TY	696	NI-07-TY	703	NI-07-TY	703.7901
745	NI-08-TY	745	NI-08-TY	604	NI-08-TY	744	NI-08-TY	594	NI-08-TY	744
742	NI-08-TY	742	NI-08-TY	610	NI-08-TY	740	NI-08-TY	600	NI-08-TY	740
739	NI-08-TY	739	NI-08-TY	616	NI-08-TY	737	NI-08-TY	607	NI-08-TY	737
736	NI-08-TY	736	NI-08-TY	623	NI-08-TY	733	NI-08-TY	614	NI-08-TY	733
733	NI-08-TY	733	NI-08-TY	631	NI-08-TY	731	NI-08-TY	622	NI-08-TY	731
731	NI-08-TY	731	NI-08-TY	640	NI-08-TY	728	NI-08-TY	630	NI-08-TY	728
728	NI-08-TY	728	NI-08-TY	650	NI-08-TY	726	NI-08-TY	640	NI-08-TY	726
726	NI-08-TY	726	NI-08-TY	662	NI-08-TY	724	NI-08-TY	653	NI-08-TY	724
724	NI-08-TY	724	NI-08-TY	668	NI-08-TY	722	NI-08-TY	658	NI-08-TY	722
722	NI-08-TY	722	NI-08-TY	678	NI-08-TY	720	NI-08-TY	669	NI-08-TY	720
721	NI-08-TY	721	NI-08-TY	688	NI-08-TY	718	NI-08-TY	678	NI-08-TY	718.0004
719	NI-08-TY	719	NI-08-TY	694	NI-08-TY	716	NI-08-TY	684	NI-08-TY	716.0027
717	NI-08-TY	717	NI-08-TY	698	NI-08-TY	715	NI-08-TY	688	NI-08-TY	715.0087
716	NI-08-TY	716	NI-08-TY	701	NI-08-TY	713	NI-08-TY	691	NI-08-TY	713.0273
714	NI-08-TY	714	NI-08-TY	703	NI-08-TY	712	NI-08-TY	693	NI-08-TY	712.0543
713	NI-08-TY	713	NI-08-TY	705	NI-08-TY	710	NI-08-TY	695	NI-08-TY	710.1352
711	NI-08-TY	711	NI-08-TY	706	NI-08-TY	709	NI-08-TY	696	NI-08-TY	709.2124
710	NI-08-TY	710	NI-08-TY	706	NI-08-TY	707	NI-08-TY	697	NI-08-TY	707.4139
709	NI-08-TY	711	NI-08-TY	707	NI-08-TY	706	NI-08-TY	698	NI-08-TY	706.6389
707	NI-08-TY	711	NI-08-TY	708	NI-08-TY	705	NI-08-TY	698	NI-08-TY	705.7901
706	NI-08-TY	711	NI-08-TY	709	NI-08-TY	704	NI-08-TY	699	NI-08-TY	705.1933
705	NI-08-TY	710	NI-08-TY	709	NI-08-TY	702	NI-08-TY	699	NI-08-TY	703.7643
704	NI-08-TY	710	NI-08-TY	709	NI-08-TY	701	NI-08-TY	700	NI-08-TY	703.539
719	NI-09-TY	719	NI-09-TY	523	NI-09-TY	719	NI-09-TY	513	NI-09-TY	719
718	NI-09-TY	718	NI-09-TY	528	NI-09-TY	717	NI-09-TY	518	NI-09-TY	717
716	NI-09-TY	716	NI-09-TY	533	NI-09-TY	716	NI-09-TY	523	NI-09-TY	716
715	NI-09-TY	715	NI-09-TY	539	NI-09-TY	714	NI-09-TY	529	NI-09-TY	714
712	NI-09-TY	712	NI-09-TY	545	NI-09-TY	712	NI-09-TY	535	NI-09-TY	712
710	NI-09-TY	710	NI-09-TY	552	NI-09-TY	711	NI-09-TY	542	NI-09-TY	711
709	NI-09-TY	710	NI-09-TY	560	NI-09-TY	709	NI-09-TY	550	NI-09-TY	709
707	NI-09-TY	709	NI-09-TY	570	NI-09-TY	707	NI-09-TY	560	NI-09-TY	707
707	NI-09-TY	707	NI-09-TY	578	NI-09-TY	706	NI-09-TY	569	NI-09-TY	706
705	NI-09-TY	705	NI-09-TY	584	NI-09-TY	704	NI-09-TY	575	NI-09-TY	704
704	NI-09-TY	704	NI-09-TY	595	NI-09-TY	703	NI-09-TY	586	NI-09-TY	703
702	NI-09-TY	702	NI-09-TY	604	NI-09-TY	701	NI-09-TY	594	NI-09-TY	701
701	NI-09-TY	701	NI-09-TY	609	NI-09-TY	700	NI-09-TY	599	NI-09-TY	700
698	NI-09-TY	700	NI-09-TY	613	NI-09-TY	698	NI-09-TY	603	NI-09-TY	698
698	NI-09-TY	698	NI-09-TY	616	NI-09-TY	697	NI-09-TY	606	NI-09-TY	697
697	NI-09-TY	697	NI-09-TY	619	NI-09-TY	696	NI-09-TY	609	NI-09-TY	696
696	NI-09-TY	696	NI-09-TY	620	NI-09-TY	694	NI-09-TY	610	NI-09-TY	694
695	NI-09-TY	695	NI-09-TY	621	NI-09-TY	693	NI-09-TY	611	NI-09-TY	693
693	NI-09-TY	693	NI-09-TY	622	NI-09-TY	692	NI-09-TY	612	NI-09-TY	692
692	NI-09-TY	692	NI-09-TY	623	NI-09-TY	691	NI-09-TY	613	NI-09-TY	691



614	NI-09-TY	689	614	NI-09-TY	689
616	NI-09-TY	688	616	NI-09-TY	688
619	NI-09-TY	688	619	NI-09-TY	688
501	NI-10-TY	710	501	NI-10-TY	710
505	NI-10-TY	710	505	NI-10-TY	710
510	NI-10-TY	709	510	NI-10-TY	709
515	NI-10-TY	708	515	NI-10-TY	708
521	NI-10-TY	707	521	NI-10-TY	707
527	NI-10-TY	706	527	NI-10-TY	706
534	NI-10-TY	704	534	NI-10-TY	704
542	NI-10-TY	703	542	NI-10-TY	703
554	NI-10-TY	702	554	NI-10-TY	702
557	NI-10-TY	700	557	NI-10-TY	700
566	NI-10-TY	699	566	NI-10-TY	699
575	NI-10-TY	698	575	NI-10-TY	698
582	NI-10-TY	696	582	NI-10-TY	696
587	NI-10-TY	695	587	NI-10-TY	695
590	NI-10-TY	694	590	NI-10-TY	694
592	NI-10-TY	693	592	NI-10-TY	693
594	NI-10-TY	692	594	NI-10-TY	692
595	NI-10-TY	690	595	NI-10-TY	690
597	NI-10-TY	690	597	NI-10-TY	690
598	NI-10-TY	688	598	NI-10-TY	688
599	NI-10-TY	687	599	NI-10-TY	687
600	NI-10-TY	686	600	NI-10-TY	686
605	NI-10-TY	685	605	NI-10-TY	685
495	NI-11-TY	704	495	NI-11-TY	704
499	NI-11-TY	704	499	NI-11-TY	704
503	NI-11-TY	703	503	NI-11-TY	703
508	NI-11-TY	703	508	NI-11-TY	703
514	NI-11-TY	702	514	NI-11-TY	702
519	NI-11-TY	701	519	NI-11-TY	701
526	NI-11-TY	700	526	NI-11-TY	700
533	NI-11-TY	699	533	NI-11-TY	699
544	NI-11-TY	698	544	NI-11-TY	698
548	NI-11-TY	697	548	NI-11-TY	697
555	NI-11-TY	696	555	NI-11-TY	696
565	NI-11-TY	695	565	NI-11-TY	695
573	NI-11-TY	694	573	NI-11-TY	694
578	NI-11-TY	693	578	NI-11-TY	693
582	NI-11-TY	692	582	NI-11-TY	692
584	NI-11-TY	691	584	NI-11-TY	691
586	NI-11-TY	689	586	NI-11-TY	689
588	NI-11-TY	688	588	NI-11-TY	688
590	NI-11-TY	688	590	NI-11-TY	688
591	NI-11-TY	687	591	NI-11-TY	687
592	NI-11-TY	685	592	NI-11-TY	685
594	NI-11-TY	685	594	NI-11-TY	685
599	NI-11-TY	684	599	NI-11-TY	684
624	NI-09-TY	691	624	NI-09-TY	691
625	NI-09-TY	690	625	NI-09-TY	690
629	NI-09-TY	689	629	NI-09-TY	689
510	NI-10-TY	711	510	NI-10-TY	711
515	NI-10-TY	711	515	NI-10-TY	711
520	NI-10-TY	710	520	NI-10-TY	710
525	NI-10-TY	709	525	NI-10-TY	709
530	NI-10-TY	708	530	NI-10-TY	708
536	NI-10-TY	706	536	NI-10-TY	706
543	NI-10-TY	705	543	NI-10-TY	705
551	NI-10-TY	704	551	NI-10-TY	704
563	NI-10-TY	703	563	NI-10-TY	703
567	NI-10-TY	701	567	NI-10-TY	701
576	NI-10-TY	700	576	NI-10-TY	700
585	NI-10-TY	699	585	NI-10-TY	699
592	NI-10-TY	698	592	NI-10-TY	698
597	NI-10-TY	696	597	NI-10-TY	696
600	NI-10-TY	695	600	NI-10-TY	695
602	NI-10-TY	694	602	NI-10-TY	694
604	NI-10-TY	693	604	NI-10-TY	693
605	NI-10-TY	692	605	NI-10-TY	692
607	NI-10-TY	691	607	NI-10-TY	691
607	NI-10-TY	690	607	NI-10-TY	690
609	NI-10-TY	688	609	NI-10-TY	688
610	NI-10-TY	688	610	NI-10-TY	688
615	NI-10-TY	687	615	NI-10-TY	687
505	NI-11-TY	705	505	NI-11-TY	705
509	NI-11-TY	705	509	NI-11-TY	705
513	NI-11-TY	704	513	NI-11-TY	704
518	NI-11-TY	704	518	NI-11-TY	704
523	NI-11-TY	703	523	NI-11-TY	703
529	NI-11-TY	702	529	NI-11-TY	702
535	NI-11-TY	701	535	NI-11-TY	701
542	NI-11-TY	700	542	NI-11-TY	700
553	NI-11-TY	699	553	NI-11-TY	699
558	NI-11-TY	698	558	NI-11-TY	698
565	NI-11-TY	697	565	NI-11-TY	697
575	NI-11-TY	696	575	NI-11-TY	696
582	NI-11-TY	695	582	NI-11-TY	695
587	NI-11-TY	694	587	NI-11-TY	694
592	NI-11-TY	693	592	NI-11-TY	693
594	NI-11-TY	692	594	NI-11-TY	692
596	NI-11-TY	691	596	NI-11-TY	691
598	NI-11-TY	690	598	NI-11-TY	690
600	NI-11-TY	689	600	NI-11-TY	689
601	NI-11-TY	688	601	NI-11-TY	688
602	NI-11-TY	687	602	NI-11-TY	687
604	NI-11-TY	686	604	NI-11-TY	686
608	NI-11-TY	685	608	NI-11-TY	685