APPENDIX G Noise

Traffic Noise

RECEPTOR NOISE LEVE	L CALC	ULATION FOR YEAR	2021	10000000			I		Tour o		
December 1 and 1	0:4			ING CONDI	TIONS		NO BUIL		BUILD		
Receptor Location	Site	Hour	Volume	%Auto	$L_{eq(1)}$	Volume	Leq(1)	Change	Total Build	Leq (1)	Change
		Weekday AM	4226	100.0%	55.7	4336	55.8	0.1	Volume 4625	56.1	0.3
	-	Weekday PM	4712	100.0%	59.1	4829	59.2	0.1	6477	60.5	1.3
Huntley Road	5	Saturday MD	4952	100.0%	55.4	5094	55.5	0.1	5445	55.8	0.3
	 	Saturday PM	4941	100.0%	55.2	5069	55.3	0.1	6697	56.5	1.2
	 	Saturday NT	3972	100.0%	56.0	4059	56.1	0.1	4163	56.2	0.1
		Weekday AM	2619	100.0%	62.8	2685	62.9	0.1	2852	63.2	
		Weekday PM	2452	100.0%	64.7	2515	64.9	0.2	3234	66.0	
Future Belmont Hotel	6	Saturday MD	2923	100.0%	63.7	3008	63.8	0.1	4115	65.2	
		Saturday PM	3081	100.0%	64.8	3159	64.9	0.1	4121	66.1	
		Saturday NT	1652	100.0%	64.3	1688	64.4	0.1	3009	66.9	
		Weekday AM	2320	100.0%	62.8	2379	62.9	0.1	2439	63.0	0.1
		Weekday PM	2168	100.0%	64.7	2223	64.8	0.1	2399	65.1	0.3
Anna House	6a	Saturday MD	2458	100.0%	63.7	2531	63.8	0.1	2707	64.1	0.3
		Saturday PM	2535	100.0%	64.8	2601	64.9	0.1	2789	65.2	0.3
		Saturday NT	1398	100.0%	64.3	1430	64.4	0.1	1605	64.9	0.5
	1										1

Parking Lot Noise

FTA Park & Ride Lot FTA Parking Garage
Source Reference Source Reference
Levels at 50ft from Level at 50ft from Park & Ride Lot Parking Garage
10ft 20 per hourzoo-0-buses *Logicalize per hourzoo*

or 1000)	Receptor Number	Time Period	Existing Noise Level	Parking Feature	Distance from Center of Parking Site to receptor	Number of Autos	Number of Buses	Leq at 50ft	Distance Correction (based on Figure 5-2 for stationary sources)	No Build Leq Noise Level at receptor	Number of Autos	Number of Buses	Lot Leq at 50ft	Distance Correction for Lot (based on Figure 5-2 for stationary sources)	Project Generated Parking Leq at receptor per lot	Total Project Generated Parking Leq at receptor total
1000)		Weekday AM	56.1		701	0	0	0.0	29	0.0	0	0	0.0	29	0.0	0.0
		Weekday PM	57.73		701	0	0	0.0	29	0.0	1936	45	69.9	29	41.3	41.3
Superior Road	1	Saturday MD	56.53 56.46	North Lot	701 701	0	0	0.0	29 29	0.0	1915 1748	45 45	69.9 69.8	29 29	41.3 41.1	41.3 41.1
		Saturday PM Saturday NT	55.26		701	0	0	0.0	29	0.0	2021	45	70.0	29	41.1	41.1
		Weekday AM	56.1		827	0	0	0.0	30	0.0	0	0	0.0	30	0.0	0.0
Poppy Place (school)	2	Weekday PM Saturday MD	56.1 50.5	North Lot	827 827	0	0	0.0	30 30	0.0	1,936	45 45	69.9 69.9	30 30	39.5 39.5	39.5 39.5
r oppy r lace (serious)	-	Saturday PM	50.6	THOIRT EX	827	0	0	0.0	30	0.0	1,748	45	69.8	30	39.3	39.3
		Saturday NT	50.7		827	0	0	0.0	30	0.0	2,021	45	70.0	30	39.5	39.5
		Weekday AM Weekday PM	56.1 56.1		324 324	0	0	0.0	20 20	0.0	1,936	0 45	0.0 69.9	20 20	0.0 49.6	0.0 49.6
Poppy Place (open space)	2a	Saturday MD	50.5	North Lot	324	0	0	0.0	20	0.0	1,915	45	69.9	20	49.6	49.6
		Saturday PM Saturday NT	50.6 50.7		324 324	0	0	0.0	20	0.0	1,748 2,021	45 45	69.8 70.0	20	49.5 49.7	49.5 49.7
		Weekday AM	51.6		851	0	0	0.0	31	0.0	0	0	0.0	31	0.0	0.0
Crocus Ave	3	Weekday PM	56.3 54.1	North Lot	851 851	0	0	0.0	31 31	0.0	1,936	45 45	69.9	31 31	39.2 39.1	39.2 39.1
Crocus Ave	3	Saturday MD Saturday PM	54.1	NOTH LOC	851	0	0	0.0	31	0.0	1,915	45	69.8	31	39.1	39.1
		Saturday NT	51.3		851	0	0	0.0	31	0.0	2,021	45	70.0	31	39.2	39.2
		Weekday AM Weekday PM	55.7 59.1		354 354	0 16	0	0.0	21 21	0.0 23.1	515 1,088	8	53.5 56.8	21 21	32.3 35.5	32.3 35.5
Huntley	5	Saturday MD	55.4	Retail Village (parking lot in No Build)	354	120	0	53.2	21	31.9	1,148	8	57.0	21	35.7	35.7
		Saturday PM	55.2	lot III No Balla)	354 354	160	0	54.4	21 21	33.2	1,206	8	57.2	21	36.0	36.0
 	1	Saturday NT Weekday AM	56 62.75		354 262	1	U	32.6	21	11.4	906	8	56.0 0.0	21 18	34.7 0.0	34.7 0.0
F	_	Weekday PM	64.74	0	262						735	0	61.1	18	43.1	43.1
Future Hotel	6	Saturday MD Saturday PM	63.71 64.78	South Lot	262 262	-	-				614 774	0	60.3 61.3	18 18	42.3 43.3	42.3 43.3
		Saturday NT	64.27		262						895	0	61.9	18	43.9	43.9
		Weekday AM Weekday PM	55.91 50.26		975	0	0	0.0	32	0.0	0 385	0	0.0	32 32	0.0	0.0
Spruce Avenue	4	Weekday PM Saturday MD	50.36 55.76	Blue Lot (inside	975 975	0	0	0.0	32 32	0.0	385	0	58.2 58.1	32	26.0 25.9	26.0 25.9
		Saturday PM	56.21	training track)	975	0	0	0.0	32	0.0	505	0	59.4	32	27.2	27.2
		Saturday NT Weekday AM	54.68 62.75		975 1663	0	0	0.0	32 38	0.0	584 0	0	60.1	32 38	27.8 0.0	27.8 0.0
Anna House	6a	Saturday MD	63.71	South Lot	1663	398.5	0	58.4	38	20.3	614	0	60.27138	38	22.2	24.0
Allia House	0a	Weekday AM	62.75 63.71	Blue Lot	1790 1790	0	0	0.0	39 39	0.0	0 376	0	0 58 13638	39 39	0.0	
		Saturday MD Weekday AM	54		1790	0	0	0.0	24	0.0	0	0	0.0	24	0.0	0.0
		Weekday PM	58.4		444	52	0	49.5	24	25.8	735	0	61.1	24	37.3	37.4
		Saturday MD Saturday PM	52.5 52.6	South Lot	444 444	399 535	0	58.4 59.7	24 24	34.7 36.0	614 774	0	60.3 61.3	24 24	36.6 37.6	36.6 37.6
Dorm	7a	Saturday NT	50.3		444	4	0	37.8	24	14.1	895	0	61.9	24	38.2	38.3
Domi	78	Weekday AM	54		1987	0	0	0.0	40	0.0	0	0	0.0	40	0.0	
		Weekday PM Saturday MD	58.4 52.5	Blue Lot (inside	1987 1987	0	0	0.0	40 40	0.0	385 376	0	58.2 58.1	40 40	18.3 18.2	
		Saturday PM	52.6	training track)	1987	0	0	0.0	40	0.0	505	0	59.4	40	19.4	
		Saturday NT Weekday AM	50.3 54		1987 990	0	0	0.0	40 32	0.0	584 0	0	60.1	40 32	20.1	0.0
		Weekday PM	58.4		990	52	0	49.5	32	17.1	735	0	61.1	32	28.6	29.3
		Saturday MD	52.5	South Lot	990	399	0	58.4	32	26.0	614	0	60.3	32	27.9	28.6
		Saturday PM Saturday NT	52.6 50.3		990	535	0	59.7 37.8	32 32	27.3 5.4	774 895	0	61.3	32 32	28.9 29.5	29.7 30.3
Dorm	7b	Weekday AM	54		1588	0	0	0.0	38	0.0	0	0	0.0	38	0.0	
		Weekday PM Saturday MD	58.4 52.5	Blue Lot (inside	1588 1588	0	0	0.0	38 38	0.0	385 376	0	58.2 58.1	38 38	20.7 20.6	
		Saturday PM	52.6	training track)	1588	0	0	0.0	38	0.0	505	0	59.4	38	21.9	
		Saturday NT	50.3 54		1588 1647	0	0	0.0	38 38	0.0	584 0	0	60.1	38 38	22.5 0.0	0.0
		Weekday AM Weekday PM	58.4		1647	52	0	49.5	38	11.6	735	0	61.1	38	23.1	29.6
		Saturday MD	52.5	South Lot	1647	399	0	58.4	38	20.5	614	0	60.3	38	22.3	29.4
		Saturday PM Saturday NT	52.6 50.3		1647 1647	535 4	0	59.7 37.8	38 38	21.7 0.0	774 895	0	61.3 61.9	38 38	23.3 24.0	30.6 31.2
Dorm	7c	Weekday AM	54		773	0	0	0.0	30	0.0	0	0	0.0	30	0.0	
		Weekday PM Saturday MD	58.4 52.5	Blue Lot (inside	773 773	0	0	0.0	30 30	0.0	385 376	0	58.2 58.1	30 30	28.5 28.4	
		Saturday PM	52.6	training track)	773	0	0	0.0	30	0.0	505	0	59.4	30	29.7	
-	1	Saturday NT	50.3 54		773 2822	0	0	0.0	30 44	0.0	584 0	0	60.1	30 44	30.3 0.0	0.0
		Weekday AM Weekday PM	58.4		2822	52	0	49.5	44	5.8	735	0	61.1	44	17.3	24.3
		Saturday MD	52.5	South Lot	2822	399	0	58.4	44	14.6	614	0	60.3	44	16.5	24.1
		Saturday PM Saturday NT	52.6 50.3		2822 2822	535	0	59.7 37.8	44 44	15.9 0.0	774 895	0	61.3 61.9	44 44	17.5 18.1	25.3 25.9
Dorm	7d	Weekday AM	54		1243	0	0	0.0	35	0.0	0	0	0.0	35	0.0	20.0
		Weekday PM Saturday MD	58.4 52.5	Blue Lot (inside	1243 1243	0	0	0.0	35 35	0.0	385 376	0	58.2 58.1	35 35	23.4 23.2	
		Saturday PM	52.6	training track)	1243	0	0	0.0	35	0.0	505	0	59.4	35	24.5	
		Saturday NT	50.3		1243	0	0	0.0	35	0.0	584	0	60.1	35	25.2	التبيد
		Weekday AM Weekday PM	54 58.4		765 765	0 52	0	0.0 49.5	30 30	0.0 19.9	735	0	0.0 61.1	30 30	0.0 31.4	0.0 31.6
		Saturday MD	52.5	South Lot	765	399	0	58.4 59.7	30	28.8	614	0	60.3	30	30.7	30.9
		Saturday PM Saturday NT	52.6 50.3		765 765	535 4	0	59.7 37.8	30 30	30.1 8.2	774 895	0	61.3 61.9	30 30	31.7 32.3	31.9 32.5
Dorm	6b	Weekday AM	54		2140	0	0	0.0	41	0.0	0	0	0.0	41	0.0	32.3
		Weekday PM	58.4	Blue Lot (inside	2140	0	0	0.0	41	0.0	385	0	58.2	41	17.5 17.4	
		Saturday MD Saturday PM	52.5 52.6	Blue Lot (inside training track)	2140 2140	0	0	0.0	41 41	0.0	376 505	0	58.1 59.4	41 41	17.4 18.6	
		Saturday NT	50.3	training track)	2140	0	0	0.0	41	0.0	584	0	60.1	41	19.3	
		Weekday AM Weekday PM	54 58 4		2895 2895	0 52	0	0.0 49.5	44 44	0.0	735	0	0.0 61.1	44 44	0.0 17.0	0.0 32.4
		Saturday MD	52.5	South Lot	2895	399	0	58.4	44	14.3	614	0	60.3	44	16.2	32.4
		Saturday PM	52.6		2895	535	Ö	59.7	44	15.6	774	Ö	61.3	44	17.2	33.5
Dorm	7f	Saturday NT Weekday AM	50.3 54		2895 549	4 0	0	37.8 0.0	44 26	0.0	895 0	0	61.9 0.0	44 26	17.8 0.0	34.1
		Weekday PM	58.4	Blue Lot (inside	549	0	0	0.0	26	0.0	385	0	58.2	26	32.2	
		Saturday MD	52.5 52.6	training track)	549 549	0	0	0.0	26 26	0.0	376 505	0	58.1 59.4	26 26	32.1 33.4	
		Saturday PM Saturday NT	52.6 50.3	1	549 549	0	0	0.0	26 26	0.0	505	0	59.4 60.1	26 26	33.4	

Are

Measured Comparable Arena Noise (dBA)	Reference Distance (ft)				Distance from Arena to Receptor	Adjusted Predicted Arena Noise Level at Receptor
58.88	291					
				Weekday AM	923	48.9
				Weekday PM	923	48.9
		Huntley	5	Saturday MD	923	48.9
				Saturday PM	923	48.9
				Saturday NT	923	48.9
				Weekday AM	150	64.6
				Weekday PM	150	64.6
		Future Hotel	6	Saturday MD	150	64.6
			ŭ	Saturday PM	150	64.6
				Saturday NT	150	64.6
				Weekday AM	2865	39.0
				Weekday PM	2865	39.0
		Spruce Avenue	4	Saturday MD	2865	39.0
			•	Saturday PM	2865	39.0
				Saturday NT	2865	39.0
				Weekday AM	2722	39.5
				Weekday PM	2722	39.5
		Anna House	6a	Saturday MD	2722	39.5
				Saturday PM	2722	39.5
				Saturday NT	2722	39.5
				Weekday AM	1600	44.1
						44.1
		Weekday PM 1600 Dorm 7A Saturday MD 1600				44.1
				Saturday PM	1600	44.1
				Saturday NT	1600	44.1
				Weekday AM	2087	41.8
				Weekday PM	2087	41.8
		Dorm	7B	Saturday MD	2087	41.8
				Saturday PM	2087	41.8
				Saturday NT	2087	41.8
				Weekday AM	2570	40.0
				Weekday PM	2570	40.0
		Dorm	7C	Saturday MD	2570	40.0
				Saturday PM	2570	40.0
				Saturday NT	2570	40.0
				Weekday AM	3898	36.3
				Weekday PM	3898	36.3
		Dorm	7D	Saturday MD	3898	36.3
				Saturday PM	3898	36.3
				Saturday NT	3898	36.3
				Weekday AM	1825	42.9
				Weekday PM	1825	42.9
		Dorm	6b	Saturday MD	1825	42.9
				Saturday PM	1825	42.9
				Saturday NT	1825	42.9
				Weekday AM	3635	36.9
				Weekday PM	3635	36.9
		Dorm	7F	Saturday MD	3635	36.9
				Saturday PM	3635	36.9
				Saturday NT	3635	36.9

Auto, Truck, and Bus TNM Model

Auto, Truck, and								P-G Truck, Bus, Auto Noise Level
			Autos	Medium Trucks	Heavy Trucks	Shuttle Buses	Charter Buses	(from TNM)
		Weekday AM	0	14 in each direction	2 in each direction	8	5 inbound	55.4
		Weekday PM	0	0	0	8	1 outbound	50.7
Huntley	5	Saturday MD	0	0	0	8	1 outbound	50.7
		Saturday PM	0	0	0	8	3 outbound	51.2
		Saturday NT	0	0	0	8	1 outbound	50.7
Dormitory: brick		Weekday AM	0	0	0	0	0	0
building along		Weekday PM	385	0	0	0	0	34.8
hempstead,	6b	Saturday MD	376	0	0	0	0	34.7
across from		Saturday PM	505	0	0	0	0	36
Wendy's		Saturday NT	584	0	0	0	0	36.6
		Weekday AM	0	0	0	0	0	0
dormitory:		Weekday PM	385	0	0	0	0	45.6
grey/white small	7a	Saturday MD	376	0	0	0	0	45.5
building to west		Saturday PM	505	0	0	0	0	46.7
		Saturday NT	584	0	0	0	0	47.4
		Weekday AM	0	0	0	0	0	0
dormitory: tucked		Weekday PM	385	0	0	0	0	31.1
in middle of	7b	Saturday MD	376	0	0	0	0	31
stables		Saturday PM	505	0	0	0	0	32.3
		Saturday NT	584	0	0	0	0	32.9
		Weekday AM	0	0	0	0	0	0
Dormitory: brick		Weekday PM	385	0	0	0	0	35.8
building near	7c	Saturday MD	376	0	0	0	0	35.7
training track		Saturday PM	505	0	0	0	0	37
		Saturday NT	584	0	0	0	0	37.6
Dormitory: grassy		Weekday AM	0	0	0	0	0	0
knoll in google		Weekday PM	385	0	0	0	0	24
earth, new dorm	7d	Saturday MD	376	0	0	0	0	23.9
buildings to east		Saturday PM	505	0	0	0	0	25.1
bullulings to east		Saturday NT	584	0	0	0	0	25.8
		Weekday AM	0	0	0	0	0	0
Dormitory: small		Weekday PM	385	0	0	0	0	53.4
building on East	7e	Saturday MD	376	0	0	0	0	53.3
Lot road		Saturday PM	505	0	0	0	0	54.6
		Saturday NT	584	0	0	0	0	55.2

Substation Noise

		Sound Pressure	Reference	Sound Power Level (PSEGLI Navy Road	Power Level for
Equipment	Qty	Level (dBA)	Distance (ft)	Report)	equipment
Transformer Bank #1	1	61.4	6.6	81.7	81.7
Transformer Bank #2	1	61.4	6.6	81.7	81.7
5 ton HVAC unit	2	70.0	5.0	81.7	84.7
exhaust fan	1	67.0	5.0	78.5	78.5
PTAC	1			61.2	61.2
		Estimated To	tal Substation	n Sound Power Level	88.2

			Distance from Substation to Receptor (ft)	Adjustment for Distance (10*LOG(2/(4*PI*Dist^2))+10.5)	Estimated Transformer Noise at Receptor
		Weekday AM	800	-55.5	32.7
		Weekday PM	800	-55.5	32.7
Superior Road	1	Saturday MD	800	-55.5	32.7
		Saturday PM	800	-55.5	32.7
		Saturday NT	800	-55.5	32.7
		Weekday AM	1083	-58.2	30.0
Poppy Place		Weekday PM	1083	-58.2	30.0
(school)	2	Saturday MD	1083	-58.2	30.0
(3011001)		Saturday PM	1083	-58.2	30.0
		Saturday NT	1083	-58.2	30.0
		Weekday AM	1582	-61.5	26.8
Poppy Place		Weekday PM	1582	-61.5	26.8
(open space)	2a	Saturday MD	1582	-61.5	26.8
(open space)		Saturday PM	1582	-61.5	26.8
		Saturday NT	1582	-61.5	26.8
		Weekday AM	1680	-62.0	26.2
		Weekday PM	1680	-62.0	26.2
Crocus Ave	3	Saturday MD	1680	-62.0	26.2
		Saturday PM	1680	-62.0	26.2
		Saturday NT	1680	-62.0	26.2
		Weekday AM	3013	-67.1	21.2
Spruce		Weekday PM	3013	-67.1	21.2
Avenue	7	Saturday MD	3013	-67.1	21.2
Avenue		Saturday PM	3013	-67.1	21.2
		Saturday NT	3013	-67.1	21.2

Belmont Park Revelopment - Operational Noise

Receptor Number Existing No Build No Bu	Belmont F	ark Revelopment - Ope	rational Noise														
Purple P	Receptor Number (used in text)	Receptor Description		Measured Noise Level	Traffic Noise Level	Generated	Parking Lot Noise	Total Noise Level (2021)	Change (No Build - Existing)	Noise Level	Generated Traffic Noise Level	Lot Noise Level	Input Noise Level	Noise Level	Substation Noise Level	Noise Level (2021)	Change (Build - Existing)
Purple P																	
## PROPERTY IN THE PROPERTY IN	4	Superior Pead															
## Paper Place Later No. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10		Superior Road															
## Page Pisce Individed ** Control ** Contro																	
2 Propy Place inforced Standard MD			Weekday AM	56.1	56.1			56.1	0.0	56.1	0.0	0.0			30.0	56.1	0.0
The Secretary May 1, 100 100 100 100 100 100 100 100 100	_																
Paper Pape	2	Poppy Place (school)															
Proty-Price (Port) Porty-Price (Port) Porty-Pr																	
Page Prison (con) (Good) Fig. 1			outer any														
Special State Special Stat		Poppy Place (open			56.1		0.0	56.1	0.0	56.1				0.0		57.0	
Control Cont	2a																
Choose																	
Coco																	
Cook Stander MP 54 94 1 0.0 0.0 51 0.0 0.5 1.1 0.0 0.0 52 1.1 0.0 0.																	
Survisiy MT 51.3 51.3 51.3 0.0 0.0 51.3 0.0 52.2 0.0 0.0 32.2 51.6 0.3 35. Hustely Road M 55.7 56.8 59.4 0.0 56.6 0.1 56.1 56.1 44.3 32.3 55.5 55.4 59.0 0.0 56.2 33. Survisiy MD 55.4 55.5 59.1 1.3 51.9 55.5 0.1 55.8 54.0 0.0 57.7 44.9 0.0 0.0 57.0 2.2 Survisiy MD 55.4 55.5 59.1 1.3 51.9 55.5 0.1 55.8 54.0 0.0 57.7 44.9 0.0 0.0 57.0 2.2 Survisiy MD 55.4 55.5 59.1 1.3 51.9 55.5 0.1 55.8 54.0 0.0 57.7 44.9 0.0 0.0 57.0 2.2 Future Behrort Hool Survisiy MD 55.7 55.8 54.0 55.5 0.0 0.0 56.9 0.0 55.9 0.0 0.0 57.0 44.9 0.0 0.0 57.0 4.0 2.2 Weekeley M 55.7 55.8 54.1 59.5 0.0 0.0 56.9 0.0 55.9 0.0 0.0 56.9 0.0 56.9 0.0 56.0 0.0	3	Crocus		54.1	54.1		0.0	54.1	0.0	54.1	0.0	39.1	0.0		26.2	54.2	0.1
Full of the Common																	
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Real Properties of the Company of th	4	Spruce Avenue															
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Tall Bandrudy NT 643 644 491 0.0 644 0.1 649 553 0.0 0.0 335 0.0 649 0.0 Defending Management of the product of	6a	Anna House															
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Dormitory, northwest edge near training track sedge near training trac			outer any														
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			Saturday NT	64.3	64.4	49.1	8.2	64.4	0.1	64.9	55.3	32.5	36.6	42.9	21.2	64.9	0.7

Site (used in text)		Existing Weekday AM Noise Level	Hotel Worst Case Construction Noise Leq (dBA)	South Lot Worst Case Construction Noise Leq (dBA)	North Lot Worst Case Construction Noise Leq (dBA)	Substation Worst Case Construction Noise Leq (dBA)	Retail Village Worst Case Construction Noise Leq (dBA)	Retail Village during exteriors/inte riorsNoise Leq (dBA)	Arena Worst Case Construction Noise Leq (dBA)	Blue Lot Worst Case Construction Noise Leq (dBA)	Construction Trucks (TNM)	Construction Trucks (Proportional Model)	Worst Case On-Site Construction Noise Leq (dBA)	Worst Case Construction Truck Traffic Noise Leq (dBA)	Worst Case Total Construction Noise	Total Noise Level	Incremental Change in Noise
1	Superior Road	56.1	45.5	41.3	64.5	61.3	47.9	0.0	59.9	50.6	29.3	0.0	64.5	29.3	64.5	65.1	9.0
2A	Poppy Place (open space)	56.1	47.9	42.6	67.1	59.0	47.9	0.0	60.7	53.7	33.0	0.0	67.1	33.0	67.1	67.4	11.3
3	Crocus Avenue	51.6	47.7	51.9	64.0	55.5	47.9	0.0	60.1	54.1	33.1	0.0	64.0	33.1	64.0	64.2	12.6
5	Huntley Road	55.7	62.2	64.1	41.7	49.2	67.4	61.0	70.0	46.7	0.0	0.0	70.0	0.0	70.0	70.2	14.5
5a	Wellington Road, South of 106th Street, West side of street	55.7	58.8	55.8	40.7	48.3	70.4	61.5	67.0	42.1	0.0	0.0	70.4	0.0	70.4	70.5	14.8
5b	Wellington Road, South of 109th Street, West side of street	55.7	55.1	51.9	39.2	46.9	67.4	55.7	63.6	40.6	0.0	0.0	67.4	0.0	67.4	67.7	12.0
5c	Wellington Road, North of 106th street, East side of street	55.7	59.7	59.2	41.7	44.6	65.5	58.9	69.7	46.7	0.0	0.0	69.7	0.0	69.7	69.9	14.2
5d	Wellington Road, South of 106th Street, East side of street	55.7	56.3	51.4	40.7	43.7	67.6	58.3	66.6	42.1	0.0	0.0	67.6	0.0	67.6	67.9	12.2
5e	Wellington Road, South of 109th Street, East side of street	55.7	52.6	47.4	39.2	42.3	64.9	54.4	63.1	40.6	0.0	0.0	64.9	0.0	64.9	65.4	9.7
7	Horse Track (measured to closest horse track location)	54.0	63.8	61.4	67.3	72.5	55.6	0.0	78.2	71.9	54.3	0.0	78.2	54.3	78.2	78.2	24.2
7	Training Track (worst case all trucks)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.3	0.0	0.0	0.0	0.0	0.0	0.0
7.1	Training Track (worst case North and Substation)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.2	0.0	0.0	46.2	46.2	54.7	0.7
7.2	Main Track (worst case all trucks)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.7	0.0	0.0	51.7	51.7	56.0	2.0
7.3	Main Track (worst case North and substation)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	0.0	46.0	46.0	54.6	0.6
7a	Dormitory, west near Gate 5 Road	54.0	60.0	68.1	0.0	0.0	0.0	0.0	66.2	45.2	54.3	0.0	68.1	54.3	68.3	68.4	14.4
7b	Dormitory, set back in stables	54.0	54.3	56.1	0.0	0.0	0.0	0.0	63.0	47.0	0.0	0.0	63.0	0.0	63.0	63.5	9.5
7c	Dormitory, north near training track	54.0	50.6	47.0	0.0	0.0	0.0	0.0	61.0	62.3	54.3	0.0	62.3	54.3	62.9	63.5	9.5
7d	Dormitory, new dorms set back to east	54.0	46.6	42.8	0.0	0.0	0.0	0.0	57.2	59.2	0.0	0.0	59.2	0.0	59.2	60.3	6.3
7e	Dormitory, immediately adjacent to Gate 5 Road	54.0	50.6	47.0	0.0	0.0	0.0	0.0	61.0	62.3	54.3	0.0	62.3	54.3	62.9	63.5	9.5
7f	Dormitory, northwest edge near training track and Training Track	54.0	50.6	47.0	0.0	0.0	0.0	0.0	61.0	68.3	0.0	0.0	68.3	0.0	68.3	68.5	14.5
6b	Dormitory, south along Hempstead	62.8	57.7	63.1	0.0	0.0	0.0	0.0	63.3	44.6	0.0	65.6	63.3	65.6	67.6	68.8	6.1
6c	Elmont Medical	62.8	59.3	65.8	45.5	39.9	56.6	0.0	65.9	49.2	0.0	65.6	65.9	65.6	68.8	69.7	7.0
4	Spruce Avenue	55.9	60.0	52.8	56.3	50.8	50.3	0.0	59.3	63.0	44.1	0.0	63.0	44.1	63.1	63.8	7.9
2	Poppy Place (school)	56.1	47.0	48.2	62.6	55.9	47.3	0.0	59.2	53.0	30.8	0.0	62.6	30.8	62.6	63.5	7.4
6a	Anna House	62.8	53.4	56.5	40.6	38.6	52.1	0.0	60.2	51.9	0.0	65.6	60.2	65.6	66.7	68.2	5.4

			Hotel Worst	South Lot	Substation	Retail Village	Retail Village	Blue Lot		Construction	Worst Case	Worst Case	Worst Case		
		Existing	Case	Worst Case	Worst Case	Worst Case	during	Worst Case		Trucks	On-Site	Construction	Total		Incremental
Site (used		Weekday AM	Construction	Construction	Construction	Construction	exteriors/inte	Construction	Construction	(Proportional	Construction	Truck Traffic	Construction	Total Noise	Change in
in text)		Noise Level	Noise Leq	Noise Leq	Noise Leq	Noise Leq	riorsNoise Leq	Noise Leq	Trucks (TNM)	Model)	Noise Leq	Noise Leq	Noise	Level	Noise
1	Superior Road	56.1	45.5	43.2	61.3	47.9	0.0	50.6	29.3	0.0	61.3	29.3	61.3	62.4	6.3
2A	Poppy Place (open space)	56.1	47.9	42.6	59.0	47.9	0.0	53.7	33.0	0.0	59.0	33.0	59.0	60.8	4.7
3	Crocus Avenue	51.6	47.7	51.9	55.5	47.9	0.0	54.1	33.1	0.0	55.5	33.1	55.5	57.0	5.4
5	Huntley Road	55.7	62.2	64.1	49.2	67.4	61.0	46.7	0.0	0.0	67.4	0.0	67.4	67.7	12.0
5a	Wellington Road, South of 106th Street, West side of street	55.7	58.8	55.8	48.3	70.4	61.5	42.1	0.0	0.0	70.4	0.0	70.4	70.5	14.8
5b	Wellington Road, South of 109th Street, West side of street	55.7	55.1	51.9	46.9	67.4	55.7	40.6	0.0	0.0	67.4	0.0	67.4	67.7	12.0
5c	Wellington Road, North of 106th street, East side of street	55.7	59.7	59.2	44.6	65.5	58.9	46.7	0.0	0.0	65.5	0.0	65.5	65.9	10.2
5d	Wellington Road, South of 106th Street, East side of street	55.7	56.3	51.4	43.7	67.6	58.3	42.1	0.0	0.0	67.6	0.0	67.6	67.9	12.2
5e	Wellington Road, South of 109th Street, East side of street	55.7	52.6	47.4	42.3	64.9	54.4	40.6	0.0	0.0	64.9	0.0	64.9	65.4	9.7
7	Horse Track (measured to closest horse track location)	54.0	63.8	61.4	72.5	55.6	0.0	71.9	54.3	0.0	72.5	54.3	72.6	72.6	18.6
0	Training Track (worst case all trucks)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	54.3	0.0	0.0	54.3	54.3	57.2	3.2
0	Training Track (worst case North and Substation)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	46.2	0.0	0.0	46.2	46.2	54.7	0.7
0	Main Track (worst case all trucks)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	51.7	0.0	0.0	51.7	51.7	56.0	2.0
0	Main Track (worst case North and substation)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	0.0	46.0	46.0	54.6	0.6
7a	Dormitory, west near Gate 5 Road	54.0	60.0	68.1	0.0	0.0	0.0	45.2	54.3	0.0	68.1	54.3	68.3	68.4	14.4
7b	Dormitory, set back in stables	54.0	54.3	56.1	0.0	0.0	0.0	47.0	0.0	0.0	56.1	0.0	56.1	58.2	4.2
7c	Dormitory, north near training track	54.0	50.6	47.0	0.0	0.0	0.0	62.3	54.3	0.0	62.3	54.3	62.9	63.5	9.5
7d	Dormitory, new dorms set back to east	54.0	46.6	42.8	0.0	0.0	0.0	59.2	0.0	0.0	59.2	0.0	59.2	60.3	6.3
7e	Dormitory, immediately adjacent to Gate 5 Road	54.0	50.6	47.0	0.0	0.0	0.0	62.3	54.3	0.0	62.3	54.3	62.9	63.5	9.5
7f	Dormitory, northwest edge near training track and Training Track	54.0	0.0	0.0	0.0	0.0	0.0	68.3	0.0	0.0	68.3	0.0	68.3	68.5	14.5
6b	Dormitory, south along Hempstead	62.8	57.7	63.1	0.0	0.0	0.0	44.6	0.0	64.3	63.1	64.3	66.7	68.2	5.5
6c	Elmont Medical	62.8	59.3	65.8	39.9	56.6	0.0	49.2	0.0	64.3	65.8	64.3	68.1	69.2	6.5
4	Spruce Avenue	55.9	47.9	52.8	50.8	50.3	0.0	63.0	44.1	0.0	63.0	44.1	63.1	63.8	7.9
2	Poppy Place (school)	56.1	47.0	48.2	55.9	47.3	0.0	53.0	30.8	0.0	55.9	30.8	55.9	59.0	2.9
6a	Anna House	62.8	53.4	56.5	38.6	52.1	0.0	51.9	0.0	64.3	56.5	64.3	65.0	67.0	4.3

Site (used		Existing Weekday AM	Hotel Worst Case Construction Noise Leq	South Lot Worst Case Construction Noise Leq	North Lot Worst Case Construction Noise Leq	Worst Case Construction Noise Leq	Worst Case Construction Noise Leq	Arena Worst Case Construction Noise Leq	Blue Lot Worst Case Construction Noise Leq	Site B Construction Noise Leq		Construction Trucks (Proportional	Worst Case On-Site Construction Noise Leq	Worst Case Construction Truck Traffic Noise Leq	Worst Case Total Construction	Total Noise	Incremental Change in
in text)		Noise Level	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	Trucks (TNM)	Model)	(dBA)	(dBA)	Noise	Level	Noise
1	Superior Road	56.1	50.8	41.3	64.5	61.3	51.0	59.9	50.6	44.1	29.3	0.0	64.5	29.3	64.5	65.1	9.0
	Poppy Place (open space)	56.1	53.3	42.6	67.1	59.0	51.1	60.7	53.7	43.1	33.0	0.0	67.1	33.0	67.1	67.4	11.3
	Crocus Avenue	51.6	52.6	51.9	64.0	55.5	47.8	60.1	54.1	42.9	33.1	0.0	64.0	33.1	64.0	64.2	12.6
5	Huntley Road	55.7	56.3	64.1	41.7	49.2	63.6	70.0	46.7	69.5	0.0	0.0	70.0	0.0	70.0	70.2	14.5
5a	Wellington Road, South of 106th Street, West side of street	55.7	54.5	55.8	40.7	48.3	59.9	67.0	42.1	65.4	0.0	0.0	67.0	0.0	67.0	67.3	11.6
5b	Wellington Road, South of 109th Street, West side of street	55.7	52.6	51.9	39.2	46.9	56.9	63.6	40.6	60.8	0.0	0.0	63.6	0.0	63.6	64.3	8.6
	Wellington Road, North of 106th street, East side of street	55.7	56.0	59.2	41.7	44.6	61.8	69.7	46.7	61.7	0.0	0.0	69.7	0.0	69.7	69.9	14.2
5d	Wellington Road, South of 106th Street, East side of street	55.7	51.5	51.4	40.7	43.7	56.5	66.6	42.1	57.5	0.0	0.0	66.6	0.0	66.6	66.9	11.2
5e	Wellington Road, South of 109th Street, East side of street	55.7	49.5	47.4	39.2	42.3	53.6	63.1	40.6	54.8	0.0	0.0	63.1	0.0	63.1	63.8	8.1
7	Horse Track (measured to closest horse track location)	54.0	72.0	61.4	67.3	72.5	64.4	78.2	71.9	59.4	54.3	0.0	78.2	54.3	78.2	78.2	24.2
7*	Training Track (worst case all trucks)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.3	0.0	0.0	54.3	54.3	57.2	3.2
7a	Training Track (worst case North and Substation)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.2	0.0	0.0	46.2	46.2	54.7	0.7
7b	Main Track (worst case all trucks)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.7	0.0	0.0	51.7	51.7	56.0	2.0
7c	Main Track (worst case North and substation)	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	0.0	46.0	46.0	54.6	0.6
7a	Dormitory, west near Gate 5 Road	54.0	55.0	68.1	0.0	0.0	59.5	66.2	45.2	0.0	54.3	0.0	68.1	54.3	68.3	68.4	14.4
7b	Dormitory, set back in stables	54.0	50.6	56.1	0.0	0.0	55.7	63.0	47.0	0.0	0.0	0.0	63.0	0.0	63.0	63.5	9.5
7c	Dormitory, north near training track	54.0	48.5	47.0	0.0	0.0	53.0	61.0	62.3	0.0	54.3	0.0	62.3	54.3	62.9	63.5	9.5
7d	Dormitory, new dorms set back to east	54.0	44.8	42.8	0.0	0.0	49.5	57.2	59.2	0.0	0.0	0.0	59.2	0.0	59.2	60.3	6.3
6b	Dormitory, south along Hempstead	62.8	54.0	63.1	0.0	0.0	58.0	63.3	44.6	0.0	0.0	65.6	63.3	65.6	67.6	68.8	6.1
7e	Dormitory, immediately adjacent to Gate 5 Road	54.0	48.5	47.0	0.0	0.0	53.0	61.0	62.3	0.0	54.3	0.0	62.3	54.3	62.9	63.5	9.5
7f	Dormitory, northwest edge near training track and Training Track	54.0	48.5	47.0	0.0	0.0	53.0	61.0	62.3	0.0	0.0	0.0	62.3	0.0	62.3	62.9	8.9
6c	Elmont Medical	62.8	54.5	65.8	45.5	39.9	59.6	65.9	49.2	52.2	0.0	65.6	65.9	65.6	68.8	69.7	7.0
4	Spruce Avenue	55.9	51.2	52.8	56.3	50.8	50.6	59.3	63.0	51.2	44.1	0.0	63.0	44.1	63.1	63.8	7.9
2	Poppy Place (school)	56.1	52.1	48.2	62.6	55.9	50.9	59.2	53.0	42.4	30.8	0.0	62.6	30.8	62.6	63.5	7.4
6a	Anna House	62.8	50.9	56.5	40.6	38.6	53.9	60.2	51.9	46.7	0.0	65.6	60.2	65.6	66.7	68.2	5.4